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5.1.6 Compugen Ltd. GenCore version Copyright (c) 1993 - 2005

protein search, using sw model OM protein -

March 9, 2005, 06:11:36 ; Search time 63.9452 Seconds (without alignments) 36.290 Million cell updates/sec Run on:

US-10-009-122-24 Title: Perfect score:

1 QKLVFF 6 Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

2105692 segs, 386760381 residues Searched:

2105692 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries

Database :

A_Geneseq_16Dec04:*

1: geneseqp1980s:*

2: geneseqp200s:*

4: geneseqp2001s:*

5: geneseqp2001s:*

6: geneseqp2003s:*

7: geneseqp2003bs:*

8: geneseqp2003bs:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		de			SUMMARIES	-
Result No.	Score	Query Match	Length DB	DB	ID	Description
Н	30	100.0	9	2	AAW02313	Aaw02313 Beta-amyl
7	30	100.0	φ	~	AAW45944	Aaw45944 Amyloid b
e	30	100.0	9	~	AAW29090	
4	30	100.0	ų	~	AAW89377	Aaw89377 Beta-amyl
S	30	100.0	9	4	AAB48496	Aab48496 Antifibri
9	30	100.0	9	ഗ	ABG71008	
7	30	100.0	9	Ŋ	ABB05156	Abb05156 Beta amyl
80	30	100.0	9	Ŋ	AAU11911	Aaul1911 Peptide #
σ,	30	100.0	9	œ	ADJ64059	Adj64059 Human bet
10	30	100.0	9	æ	ADQ37380	Adg37380 Amyloid-b
11	30	100.0	9	ω	ADQ37335	
12	30	100.0	9	ω	ADQ37352	
13	30	100.0	9	œ	ADQ37370	
14	30	100.0	. 7	7	AAR45231	
15	30	100.0	7	N	AAW02312	Beta-
16	30	100.0	7	0	AAW02311	Aaw02311 Beta-amyl
17	30	100.0	7	~	AAW45940	Aaw45940 Amyloid b
18	30	100.0	7	~	AAW89376	Aaw89376 Beta-amyl
19	30	100.0	7	~	AAW89375	Aaw89375 Beta-amyl
20	30	100.0	7	Ŋ	ABG71006	Abg71006 Long form
21	30	100.0	7	Ŋ	ABG71007	
22	30	100.0	7	Ŋ	ABB05154	Abb05154 Beta amyl
23	30	100.0	7	ഗ	ABB05155	Abb05155 Beta amyl
24	30	100.0	7	9	ADA90153	Ada90153 Anti-Abet
25	30	100.0	7	9	ADA90936	Ada90936 Solid-pha

Human bet			eta-	Beta-amyl		Amyloid b		Long form			Amyloid-b		utant a	Amyloid b	Antifibri	Human amy	Peptide #	Different	Abeta pep	-	Amyloid b	Radioisot	Vaccine a			Amyloid b				Human APP		All-D pep		Different	ď	ø	oid-	7	÷
Adj64057	5405	3737	3735	3735	0231	593	337	Abg71005	515	105	737	734	523	593	349	1913	1667	17	36	74	8	_	8	92	7332	5934	5226	5225	522	522	6227	641	5829	511	55	7280	2	3737	33737
57	80	78	00	51	9	3.7	74	25	53	99	7.1	61	39	52	93	13	57	12	36	74	31	60	00	9/	32	34	56	25	24	23	27	11	62	11	35	000	75	71	74
0	9	3	73	73	23	6	93	2	12	0	73	ы	22	5	34	•	10	••		~	•	ADP4460	\sim	~	~	~	~	^1	22	52	AAB4622	9	8	5	54	2	73	73	m
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7		7	7	7	80	ω	80	ω	ω	80	&	ω	σ	σ	σ	0	თ	σ	6	σ	6	σ	0	σ	σ														10
100.0	8	8	8	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	80	8	00	00	90.	00	00	00	8	00	00	80	00	00	00	00	00	00	00
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56	2.1	28	59	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	20	51	52	53	54	52	26	57	28	29	9	61	62	63	64	65

Q Q Q B Q C C G A A A B A B A B C Q Q A C # K F A B D D C B D D D D C C C C

ALIGNMENTS

Beta-amyloid modulator peptide #4. AAW02313 standard; peptide; 6 AA. (first entry) 02-MAY-1997 AAW02313; RESULT 1 AAW02313

Beta-amyloid; modulator; amyloid plaque; brain lesion; amyloidosis; cerebral blood vessel; Alzheimer's disease; amyloidogenic protein; familial amyloid polyneuropathy; familial amyloid cardiomyopathy; isolated cardiomyopathy; isolated cardiomyopathy; bovine spongiform encephalopathy; Creutzfeld-Jakob disease; urticaria; adult-onset diabetes; familial Mediterranean fever; therapy; deafnose; scrapie; familial amyloid nephropathy; hereditary cerebral haemorrhage. WO9628471-A1 19-SEP-1996. Synthetic.

96WO-US003492. 95US-00404831.

14-MAR-1996; 14-MAR-1995; 07-JUN-1995;

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(WISC ) WISCONSIN ALUMNI RES FOUND.
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6 AA;
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Modified-site
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                                                  Nordstedt C,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
29-DEC-1995;
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                                                                                                                                                                                                                                                                                                                                                                  Eield.)
                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           à
                                                                                                                                                                                                      AAWO2JIG-WO2332 represent the peptide portions of the beta-amyloid modulator compounds of the invention. Beta-amyloid peptide is a 4 kilodalton peptide that is the major protein component of amyloid plaques are present both in the brain lesions, and in the walls of cerebral blood vessels in Alzheimer's disease patients. The amyloid modulators of the invention comprise an amyloidogenic protein or peptide (such as this sequence) coupled directly or indirectly to at clear one modifying group. The modifying group is preferably a cyclic, heterocyclic, or polycyclic group, such as declain, a cholamyl group, a cherrocyclic, or poptides when contacted with a cholamyl group, a chounds then modulate the agreegation of these sequences to natural amyloid proteins or peptides. The modulator compounds can be used in the treatment of disorders associated with amyloidosis, such as in the treatment of disorders associated with amyloidosis, such as in the treatment of disorders associated with amyloidosis, scrapic, bovine spongiform encephalopathy, familial amyloid cardiomyopathy, creutzfeldt-Jakob disease, adult-onset diabetes, insulinoma, familial Mediterranean fever, familial amyloid compounds and deafness, neceival nemorrhage and other types of amyloidosis. Pre modulators are also useful for the treatment of disorders associated with beta-amyloidosis, especially creatment of disorders associated with beta-amyloidosis, especially
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Amyloid beta peptide; Alzheimer's disease; polymerisation; aggregation; positron emission tomography; PET; Down's syndrome; amyloidosis.
                                                   In H, Garnick MB, Gefter ML, Hundal A;
Signer ER, Wakefield J, Reed MJ, Molineaux S;
Lee J, Kelley M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                               Modulators of amyloid aggregation - comprising, e.g. amyloidogenic protein coupled (in)directly to at least 1 modifying gp., useful in treatment of Alzheimer's disease.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 30; DB 2; L 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0;
                                                                                                                                                                                 Page 91; 106pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAW45944 standard; peptide; 6 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Amyloid beta peptide fragment.
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    95US-00548998
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(first entry)
                               (PHAR-) PHARM PEPTIDES INC
                                                        Benjamin H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6; Conservative
                                                                                                         WPI; 1996-433762/43.
                                                                 Kasman L, Musso G,
Kubasek W, Chin J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence/6 AA;
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      27-0CT-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       25-MAR-2003
30-JUN-1998
                                                         Findeis MA,
                                                                                                                                                                                       Claim 16;
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Matches
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This sequence represents a fragment of the amyloid beta peptide. The invention relates to the use of peptide compounds for inhibition of invention relates to the use of peptide (ABP), as model substances for polymerisation of amyloid beta peptide (ABP), as model substances for synthesis of ABP-ligands for inhibition of polymerisation of ABP, as a cool for the identification of other organic compounds with similar through properties, or as ligands in positron emission tomography. The peptides may be used in treatment of amyloidosis, for treatment or or prevention of demens in patients with Down's syndrome, for treatment or prevention of hereditary cerebral haemorrhage with amyloidosis (Dutch CT type) or for the prevention of fibril formation of human amyloid protein. They can also be used for identifying other molecules with similar properties and/or as ligands for detection of amyloid deposits using e.g. positron emission tomography. (Updated on 25-MAR-2003 to correct PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Cyclosporin; A-beta peptide; conjugate; neurological disease; Alzheimer; multiple sclerosis; amyotrophic lateral sclerosis; ALS; non-immunosuppressive; amyloid plaque formation.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note= "The C-terminal is condensed onto the side chain of Lys(7) of the cyclosporin analog described in AAW29087, AAW29088, AAW29095 and AAW29097"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                Use of new and known peptide(s) for inhibition of polymerisation of amyloid beta peptide - e.g. for treatment of Alzheimer's disease or Down's syndrome associated with amyloidosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ..
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                                                                                                                                  Tjernberg LO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 30; DB 2; I
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
                                                                                                                                             Thyberg J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
                                                                  (KARO-) KAROLINSKA INNOVATIONS AB.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAW29090 standard; peptide; 6 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                         Example 1; #ig 2B; 31pp; English.
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95US-0009386P
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                                                                                                                                             Naeslund J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6; Conservative
                                                                                                                                                                                                            WPI; 1997-332723/30.
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Best Local Similarity
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New conjugates are disclosed which are of formula A-2, in which: A is (1) a cyclosporin A analogue described in AAW29087 or (2) an FK506 binding peptide inhibitor; and Z is a polypeptide comprising 5 or more contiguous residues of A-beta peptide. The compounds are novel chemical inducers of dimerization which are non-immunosuppressive and which are inhibitors of A-beta peptide aggregation and deposition in amyloid plaques. The adverse consequences of amyloid plaque formation can be prevented or ameliorated by sequestering the A-beta peptide in monomeric form with a conjugate which links the A-beta peptide in monomeric form with a conjugate mechanism to minimize the mount of free A-beta available for fibril formation and deposition. The compounds can be used for the treatment of Alzheimer, A-disease, multiple sclerosis and amyotrophic lateral sclerosis
                                                                                          A-b-binding peptide conjugates and CSA analogs - useful in treatment deuro pojical diseases e.g. Alzheimer's disease, Multiple Sclerosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 6;
                                                                                                                                                                                    fage 98; 129pp; English.
Solomon ME;
                                           WPI; 1999-276928/23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6 AA
Rich DH,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
                                                                                                                                                                                    Claim 5;
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0; Indels 100.0%; Score 30; DB 2; L 100.0%; Pred. No. 1.8e+06; 100.0%; Pred. 6; Conservative Local Similarity φ 1 OKLVFF OKLVFF Query Match Best Loc Matches ઠે g

AAW89377 standard; peptide; 6 AA. AAW89377; AAW8937

Beta-amyloid peptide derivative A-beta-15-20.

(first entry)

02-MAR-1999

Human; beta-amyloid peptide; Alzheimer's disease; amyloidogenic protein; aggregation; neurotoxicity; amyloidosis; Down's syndrome; cardiomyopathy; familial amyloid polyneuropathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; bay

Homo sapiens. Synthetro.

U\$5854204 JA

29 DEC 1998

95US-00404831. 95US-00475579. 95US-00548998. 14-MAR-1995; 07-JUN-1995; 27-OCT-1995;

96US-00612785.

14-MAR-1996;

(PRAE-) PRAECIS PHARM INC.

Gefter ML, Kasman L, Musso G, Molineaux S, Benjamin H; , Chin J, Lee J, Kelley M, Reed M, Wakefield J; , Kubasek W, Signer ER; Findeis MA, Garnick MB, Hundal A,

WPI; 1999-094964/08.

New peptide(s) derived from beta-amyloid peptide that inhibit amyloid aggregation - and neurotoxicity, specifically for treatment and prevention of Alzheimer's disease.

Example 12; Col 64; 52pp; English.

The present invention describes beta-amyloid peptide (bAP) derivatives. The bAP derivatives inhibit aggregation of amyloidogenic proteins and peptides, specifically bAP, and their neurotoxicity, so are useful for treating and preventing any disease involving amyloidosis, specifically Alzheimer's disease but also Down's syndrome, familial amyloid polyneuropathy or cardiomyopathy, bovine spongiform encephalopathy and Creutzfeldt-Jakob disease. The bAP derivatives are also used to diagnose these diseases, in vitro or in vivo, by detecting bhinding of bAP to labelled bAP derivatives. Some bAP derivatives inhibit bAP aggregation even when bAP is present in molar excess. The present sequence represents a bAP derivative

Sequence 6 AA

Gaps .. 0 Length 6; 0; Indels 100.0%; Score 30; DB 2; I 100.0%; Pred. No. 1.8e+06; 0; Mismatches 6; Conservative Local Similarity Query Match Matches

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9 1 OKLVFF QKLVFF ð 요

RESULT 5 AAB48496

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Gaps

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AAB48496 standard; peptide; 6 AA.

AAB48496;

02-MAR-2001 (first entry)

Antifibrillogenic peptide #23.

Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.

Homo sapiens

Location/Qualifiers Modified-site

/note= "C-terminal amide"

WO200068263-A2

16-NOV-2000

04-MAY-2000; 2000WO-CA000515

05-MAY-1999;

(NEUR-) NEUROCHEM INC

Gupta A; Gervais F, Chalifour R,

WPI; 2001-031852/04.

Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.

Claim 7; Page 26; 46pp; English.

Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB4847-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid protein

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ABB05156
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Amyloid modulator useful for treating a disorder associated with amyloidosis, comprises an amyloidogenic protein and/or a peptide fragment coupled to a modifying group.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The invention describes an amyloid modulator comprising an amyloidogenic protein and/or peptide fragment coupled to a modifying group so that the compound modulates the aggregation of natural amyloid proteins or amyloidose; The modulator is used for treating a disorder associated with amyloidosis e.g. familial amyloid polyneuropathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Danish type), isolated cardiac amyloid, systemic senile amyloidosis, scrapie, bovine spongiform encephalopathy, Creutzfeldt Jakob disease, adult onset diabetes, Gerstmann-Straussler-Scheinker syndrome, insulinoma, isolated arrial amyloidosis, idiopathic (primary) amyloidosis, idiopathic (primary) amyloidosis, myeloma or macroglobulinaemia-associated amyloidosis, primary localised cutaneous nodular amyloidosis associated with Sjogren's syndrome, reactive (secondary), amyloidosis, familial Mediterranean Fever and familial
                                                                                                                                                                                                                                                                                 Beta-amyloid; amyloid modulator; amyloidogenic protein; amyloidosis; familial amyloid cardiomyopathy; familial amyloid cardiomyopathy; isolated cardiac amyloid; systemic senile amyloidosis; scrapie; myeloma; bovine spongiform encephalopathy; BSE; Creutzfeldt-Jakob disease; adult onset diabetes; Gerstmann-Straussler-Scheinker syndrome; insulinoma; atrial amyloidosis; idiopathic amyloidosis; haemodialysis; macroglobulinaemia-associated amyloidosis; reactive amyloidosis; primary localised cutaneous nodular amyloidosis; Sjogren's syndrome; hereditary cerebral haemorrhage with amyloidosis; Muckle-Wells syndrome; hereditary non-neuropathic systemic amyloidosis;
                                                                Gaps
                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , Benjamin H, Garnick MB, Gefter ML, Hundal A;
Musso G, Signer ER, Wakefield J, Reed MJ;
                                    100.0%; Score 30; DB 4; Length 6; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                              Long form beta-amyloid protein fragment #5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Example 12; Page 35; 41pp; English.
                                                                                                                                                                                   ABG71008 standard; peptide; 6 AA.
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95US-00475579.
95US-00548998.
96US-00617267.
                                                                                                                                                                                                                                                                                                                                                                                                                       familial Mediterranean Fever.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            04-OCT-2001; 2001US-00972475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                      (first entry)
                           WPI; 2002-697709/75
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                                                                                                       OKLVFF
              Sequence 6 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens.
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14-MAR-1996;
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                                                                                                                                                           RESULT
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The present invention describes an amyloid modulator compound (1) comprising an aggregation core domain and a modifying group attrached to it. (1) has nootropic, neuroprotective, immunosuppressive, antimicrobial, antidiabetic, antipyretic, dermatological, cardiovascular, nephrotropic and auditory activities, and can be used as a natural amyloid aggregation
amyloid nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icelandic type, amyloidosis associated with long term haemodialysis, hereditary non-neuropathic systemic amyloidosis (familial amyloid polyneuropathy III), familial amyloidosis of Finnish type, amyloidosis associated with medullary carcinoma of the thyroid, fibrinosen-associated hereditary renal amyloidosis and lysozyme-associated hereditary systemic amyloidosis. The compound is capable of altering and inhibiting beta-amyloid protein (beta-Ap) aggregation of natural amyloidosenic proteins or peptides when contacted with a molar excess amount of natural beta-Aps relative to the modulator. This sequence represents a fragment of the long form of beta-amyloid used in the creation of an amyloid modulator
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beta amyloid peptide; beta-AP; beta amyloid precursor protein; A-beta; APP-770; amyloid aggregation; amyloidogenic; Alzheimer's disease; noctropic; neuroprotective; immunosuppressive; antimicrobial; auditory; amtidiabetic; antipyretic; dermatological; cardiovascular; nephrotropic; amyloid aggregation inhibitor; neurotoxicity inhibitor; Down's syndrome; amyloidogenic disease; beta amyloid deposition; amyloidosis; hereditary cerebral haemorrhage; familial amyloid polyneuropathy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 30; DB 5; Length 6; 100.0%; Pred. No. 1.8e+06;
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Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Beta amyloid peptide (15-20) SEQ ID NO:8.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Example 11; Col 63; 54pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABB05156 standard; peptide; 6 AA.
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95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2002-146668/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 OKLVFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OKLVFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6 AA;
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07-JUN-1995;
27-OCT-1995;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Synthetic.
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             (beta-AP). (1) are used in the manufacture of a medicament for the diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's disease and other clinical occurrences of beta amyloid deposition such as Down's syndrome individuals and in patients with hereditary cerebral haemorrhage with amyloidosis, and for treating a disorder associated with amyloidosis such as familial amyloid polymeuropathy. (1) reduces the toxicity of natural beta-AP aggregates to cultured neuronal cells. (1) not only reduces the formation of neurotoxic aggregates but also have the ability to reduce the neurotoxicity of performed A-beta fibrils. The present sequence represents a beta-AP peptide, which is used in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid angiopathy, particularly Alzheimer's disease, hereditary cerebral haemorrhage with amyloidosis of the Dutch type and haemorrhagic stroke. The present sequence represents one of a group of peptides (Adul1648-AAU11810 & AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Peptide #24, used as carrier for the amyloid-beta40 (Abeta40) inhibitor.
 nhibitor and a neurotoxicity inhibitor of natural beta amyloid peptide
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                                                                                                                                                                                                                                                                                   Length 6;
                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                 100.0%; Score 30; DB 5; I 100.0%; Pred. No. 1.8e+06;
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                                                                                                                                                                                                                                                                                                                      0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAU11911 standard; peptide; 6 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        22-DEC-2000; 2000WO-IB002078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            99US-0171877P
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                                                                                                                                                                                                                                                                                                                      6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2002-075222/10.
                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                         1 OKLVFF
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                                                                                                                                                                                                                                              Sequence 6 AA;
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Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAU11911;
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               hereditary cerebral haemorrhage; haemodialysis; thyroid;
renal amyloidosis; lysozyme-associated hereditary systemic amyloidosis;
beta-amyloid peptide; human.
                                                                                                                 Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               New amyloidogenic protein aggregation modulators useful for treating disorder associated with amyloidosis e.g. familial amyloid polyneuropathy, Creutzfeldt-Jakob disease and adult onset diabetes.
                                                                                                                                                                                                                                                                                                                                                                                             Amyloidogenic protein; therapy; amyloidosis; familial amyloid polyneuropathy; cardiomyopathy; systemic senile amyloidosis; bovine spongiform encephalopathy; systemic senile amyloidosis; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; destimant-Straussler-Scheinker syndrome; diabetes; insulinoma; myeloma; Sjogren's syndrome; familial mediterranean fever; urticaria; deafness;
was used in the invention to treat a disease state characterised by
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                                                                                                               Indels
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Signer ER, Wakefield J, Reed MJ;
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                                                                                                                                                                                                                                                                                                                                                               Human beta-amyloid long form peptide fragment #5.
                                                                                100.0%; Score 30; DB 5; 100.0%; Pred. No. 1.8e+06;
                                                                                                               0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Location/Qualifiers
                                                                                                                                                                                                                                                               ADJ64059 standard; peptide; 6 AA.
               cerebral amyloid angiopathy (CAA)
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95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (PRAE-) PRAECIS PHARM INC.
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                                                                                                                 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Musso G,
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                                                                                Query Match
Best Local Similarity
                                                                                                                                              OKLVFF 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US2004005307-A1
                                               Sequence 6 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Modified-site
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07-JUN-1995;
27-OCT-1995;
14-MAR-1996;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
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amyloidosis, myeloma or macroglobulinemia-associated amyloidosis, primary localized cutaneous nodular amyloidosis associated with Sjogren's syndrome, reactive (secondary) amyloidosis, familial Mediterranean Fever and familial amyloid nephropathy with urticaria and deafness (Muckle-Nells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icelandic type, amyloidosis associated with long term haemodialysis, hereditary non-neuropathic systemic amyloidosis (familial amyloidosis associated with medullary carcinoma of the thyroid, fibrinogen associated hereditary renal amyloidosis of Finnish type, amyloidosis associated with medullary carcinoma of the thyroid, fibrinogen associated mereditary systemic amyloidosis. The present sequence is beta-amyloid peptide fragment used in the exemplification of the invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      amyloid-beta; amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
neuroprotective; cerebroprotective; haemostatic; ophthalmological;
antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; antidepressant; endocrine; hypnotic;
cardiant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
mild-to-moderate cognitive impairment;
mild-to-moderate cognitive impairment;
mild-to-moderate cognitive impairment; vascular dementia;
cerebral amyloid angiopathy; hereditary cerebral haemorrhage;
senile dementia; Down's syndrome; inclusion body myositis;
age-related macular degeneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
behavioural dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                  ;
                                                                                                                                                                                                                                                                                                          Length 6;
                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                        100.0%; Score 30; DB 8; L
100.0%; Pred. No. 1.8e+06;
ive 0, Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Amyloid-beta polymerisation peptide.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADO37380 standard; peptide; 6 AA
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23-JUN-2003; 2003US-0482214P.
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                                                                                                                                                                                                                                                                                                                                                  6; Conservative
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                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                             OKLVFF
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                                                                                                                                                                                                                                                                                                                                                                                        1 OKLVFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            vaccine antigen.
                                                                                                                                                                                                                                                                     Sequence 6 AA;
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                                                                                                                                                                                                                                                                                                                                                  Matches
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The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidemimetic that modulates amyloid-beta fibril formation, or therapeutic immune response against amyloid-beta fibril formation; or therapeutic immune system modulator that prevents or inhibits amyloid-beta fibril formation; or (ii) an immune system modulator that prevents or inhibits amyloid-beta for intriparchia anticonvulsant, anticaptorective, heamostatic, copthalmological, antithyroid, wasotropic, cardiovascular, tranquilliser, uropathic, anticonvulsant, anticaptions and indocrate and hypnotic activities, and be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an enrolate a graphical cardiard, anticaption and all propersions and hypnotic activities, and any operator of familial (breditary) in all cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, corebrate, including hypothyroidism, erebroal near related macular complexed anglospath, hereditary cerebral haemorrhage, semile dementia, nown's syndrome, inclusion body myositis, age-related macular cheases, amyotrophic lateral sclerosis, acquired immunodeficiency, ageression, or a condition associated with Alzahimer's disease, candiovascular disease, amyotrophic lateral sclerosis, acquired immunodeficiency, ageression, or incontinence), a neurological condition (e.g. Huntington's disease, amyotrophic lateral sclerosis, acquired immunodeficiency, syncope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural cattack incoordination, galt disturbance, transient ischaement, and anyloid deficits, incoordination, sexual disorder, weight loss, percenting anyloid precursor protein gene, an Apos gene, or a psychological condition (e.g. huntan having a genomic mitation in an amyloid precursor protein gene, an Apos gene, or a presentle an amyloid brecursor protein ge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       amyloid-beta; amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
amyloid-beta fibril formation; immune response; nootropic;
antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
antichyroid; vasotropic; antiparkinsonian; muscular; neuroleptic;
cardiant; antidepressant; endocrine; hypnotic;
cardiant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer's disease; mild cognitive impairment;
mild-to-moderate cognitive impairment; vascular dementia;
cerebral amyloid anglopathy; hereditary cerebral haemorrhage;
senile dementia; Down's syndrome; inclusion body myositis;
age-related macular degeneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Antifibrillogenic amyloidosis inhibiting peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADQ37335 standard; peptide; 6 AA.
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Query Match
Best Local Similarity 10v.v.
Best Local Similarity
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The present invention describes compositions (C) comprising: (a) a first capent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (ii) a peptide or peptidomimetic that condulates amyloid-beta fibril formation, or contropic, meuroprotective, carebroprotective, heemostatic, CO phtahemological, antithyroid, vasotropic, cardioant, mencular, natidepressant, antithyroid, vasotropic, cardioant, mecular, antichproid, vasotropic, cardioant, mecular, cardial, antichproid, vasotropic, cardioant, mecular, cardial, antichproid, vasotropic, cardioant, mecular, antichproid, vasotropic, cardioant, mecular, antichproid, vasotropic, cardial, antichproid, vasotropic, cardial, cardial, antichproid, vasotropic, cardial, or familial (hereditary)), mid comitators, condidators, condidators, cold cand can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an immune system modulators, cold candidated and hypotropical condition associated with Alzahemer's disease (modulators) and condition associated with Alzahemer's disease (including hypothyroidism, creebral hemorrhage, senile dementia, on the continence) and neurological condition (e.g. huntington) and spathy, aggression, or incontinence) an neurological condition (e.g. huntington) and the leaves, seniory loss, visual catack, recondination, gait disturbance, transient ischaemic altered maced to appropriate and papala, appraisable appraisable appraisable and the candidate and the can be used as anticition, exaul disorder, weight loss, your candidation, sexual disorder, weight loss, papala, an entition of the present sequence behavioural dysfunction; neurological condition; psychological condition; Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator. Disclosure; Page 70; 143pp; English. Location/Qualifiers /note= "amidated" 24-DEC-2003; 2003WO-CA002021. 24-DEC-2002; 2002US-0436379P 23-JUN-2003; 2003US-0482214P (NEUR-) NEUROCHEM INT LID. Gervais F, Bellini F; WPI; 2004-543342/52. vaccine antigen. WO2004058239-A1. Key Modified-site 15-JUL-2004 Synthetic

Sequence 6 AA;

DB 8; Length 6; Score 30; DB 8; I Pred. No. 1.8e+06; 100.0%; Best Local Similarity Query Match

ö cerebrovascular disease, cardiovascular disease, memory loss, anxiety; behavioural dysfunction, neurological condition, psychological condition; Gaps amyloid-beta fibril formation; immune response; nootropic; neuroprotective; cerebroprotective; haemostatic; ophthalmological; antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic; anticonvulsant; anti-HV; antibarkinsonlan; muscular; neuroleptic; cardiant; antidepressant; endocrine; hypnotic; amyloid-beta fibril formation modulator; immune system modulator; mild-to-moderate cognitive impairment; vascular dementia; cerebral amyloid angiopathy; hereditary cerebral haemorrhage; senile dementia; bown's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism; ö Indels ö amyloid-beta; amyloid-beta related disease; Mismatches ADQ37352 standard; peptide; 6 AA. ö Beta-amyloid modulator peptide. 07-OCT-2004 (first entry) 6; Conservative 9 QKLVFF OKLVFF vaccine antigen ADQ37352; Matches RESULT 12 ઠ 셤

Synthetic.

WO2004058239-A1.

15-JUL-2004.

24-DEC-2003; 2003WO-CA002021.

24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P.

(NEUR-) NEUROCHEM INT LID.

Gervais F, Bellini F;

WPI; 2004-543342/52.

Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.

Disclosure; Page 87; 143pp; English.

a second agent (a1) that prevents or treats amyloid-beta related disease, and (b)
a second agent (a2) that is: (i) a peptide or peptidomimetic that
condidates amyloid-beta fibril formation or induces a prophylactic or
therapeutic immune response against amyloid-beta fibril formation; or
(ii) an immune system modulator that prevents or inhibits amyloid-beta
(ii) an immune system modulator that prevents or inhibits amyloid-beta
(iii) an immune system modulator that prevents or inhibits amyloid-beta
notropic, neuroprotective, cerebroprotective, haemostatic,
coptablic, antichyroid, vasotropic, cardiovascular, tranquilliser,
uropathic, antichyroid, vasotropic, cardiovascular,
antichyroid, asotropic, cardiovascular,
antichyroid, asotropic, cardiovascular,
antichyroid, asotropic, cardiovascular,
antichyroid, santichyroid, vasotropic, and as
immune system modulators. (C) can be used for preventing or treating an
immune system modulators. (C) can be used for preventing or treating an
amyloid-beta related disease e.g. Alzheimer's disease (including sporadic
conhereditary) or familial (hereditary)), mild cognitive impairment,
mild-to-moderate cognitive impairment, vascular dementia, cerebral
amyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, present invention describes compositions (C) comprising: (a) a first

24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P.

(NEUR-) NEUROCHEM INT LTD.

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CC degeneration, or a condition associated with Alzheimer's disease degeneration, or a condition associated with Alzheimer's disease (including hypothyroidsm, cerebrovascular disease, cardiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, caggression, or incontinence), a neurological condition (e.g. Huntington's disease, amyotrophic lateral sclerosis, acquired immunodeficiency, parkinson's disease, aphasia, apraxia, agnosia, pick disease, dementia continue, bodies, altered muscle tone, selzures, sensory loss, visual field deficite, incoordination, gait disturbance, transient ischaemic cattack or stroke, transient alertness, attention deficit, frequent falls, syncope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural camanatoma, brain tumour, posttraumatic brain injury, or posthypoxic damage), or a psychological condition (e.g. depression, delusions, a sleep disturbance, insomnia, behavioural disinhibition, poor insight, suicidal caccessive guilt)) in a subject e.g. human having a genomic mutation in an amyloid precursor protein gene, an ApoE gene, or a presentin gene; camyloid modulator peptide which is used in the exemplification of the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic; cardiant; antidepressant; endocrine; hypnotic; amuloibeta fibril formation modulator; immune system modulator; Alzheimer's disease; mild cognitive impairment; mascular dementia; erebral amyloid angiopathy; hereditary cerebral haemorrhage; senile dementia; Down's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism; cerebrovascular disease; cardiovascular disease; memory loss; anxiety; behavioural dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    amyloid-beta; amyloid-beta related disease;
amyloid-beta fibral formation; immune response; nootropic;
neuroprotective; cerebroprotective; haemostatic; ophthalmological;
antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 6;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Amyloid-beta polymerisation peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  'note= "acetylated"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADQ37370 standard; peptide; 6 AA.
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Matches 6; Conservative
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1 QKLVFF (
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The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (i) a peptide or peptidomimetic that conditions amyloid-beta fibril formation, or therapeutic immune response against amyloid-beta inhibite amyloid-beta fibril formation. Or induces a prophylactic or that prevents or inhibite amyloid-beta fibril formation. Also described is a kit comprising (C): (C) have noothed, anticonvulant, anticonvulant, miscondiant, anticonvulant or conditions amyloid-beta fibril formation modulators, and a myloid-beta related disease e.g. Alzabimer's disease (including sporadic of mon-brediatry) or familial (hreddiatry), mild cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, cerebral mayloid angiopathy, hereditary cerebral haemorrhage, senile dementia, cowniciding hypothyroidism, cerebral haemorrhage, senile dementia, cowniciding hypothyroidism, cerebral haemorrhage, senile dementia, cowniciding hypothyroidism, cerebral haemorrhage, senile dementia, disease, amovorrophic lateral sclerosis, acquired immunodeficiency, cardiant or incontinence), a neurological condition (e.g. apathy apartines, and deficits, incoordination, gardiant disease, amovorrophic lateral sclerosis, acquired immunodeficitus, cardiant deficits, incoordination, gardiant disease, amovorrophic lateral sclerosis, acquired immunodeficitus, cardiant deficits, incoordination, gardiant disease, amovorrophic lateral sclerosis, acquired immunodeficitus, cardiant deficitus, apraxia, agnosia, pot sensity disease, amovorrophic lateral deficitus, depressed mood, irritability, anhedonia, social withdrawal, or excessive gilly
                                                                                                                                                                          Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
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100.0%; Pred. No. 1.8e+06;
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                                                                                                                                                                                                                                                                 Disclosure, Page 95; 143pp, English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAR45231 standard; peptide; 7 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6; Conservative
                                                                                               Bellini F;
                                                                                                                                        NPI; 2004-543342/52
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Matches 6, Conserv
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                                                                                                 Gervais F,
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ANW02310-W02332 represent the peptide portions of the beta-amyloid modulator compounds of the invention. Beta-amyloid peptide is a 4 k110dalton peptide that is the major protein component of anyloid plaques are present both in the brain lesions, and in the walls of cerebral blood vessels in Alzheimer's disease patients. The amyloid modulators of the invention comprise an amyloid caption and peptide (such as this sequence) coupled directly or indirectly to at least one modifying group. The modifying group is preferably a cyclic, heterocyclic, or polycyclic group, such as declain, a cholanyl group, a biotin containing group. The aggregation of these sequences to natural amyloid proteins or peptides when contacted with the natural amyloid proteins or peptides. The modulator compounds can be used in the trearment of disorders associated with amyloidosis, such as familial amyloid organic proteins or peptides. The modulator compounds can be used in the trearment of disorders associated with amyloidosis, such as isolated cardiac amyloidosis, systemic senile amyloidosis, scrapie, bovine spongiform encephalopathy, familial amyloidosis, scrapie, bovine spongiform encephalopathy. Creutzfeldt-Jakob disease, adult-onset diabetes, insulinoma, familial Mediterranean fever, familial amyloid compensor and other types of amyloidosis. The modulators are also useful for the trearment of disorders associated with beta-amyloidosis, especially
                                                                                                                                                                                                                                                     k MB, Gefter ML, Hundal A;
Wakefield J, Reed MJ, Molineaux S;
                                                                                                                                                                                                                                                                                                                                                                                                   Modulators of amyloid aggregation - comprising, e.g. amyloidogenic protein coupled (in)directly to at least 1 modifying gp., useful in treatment of Alzheimer's disease.
                                                                                                                                                                                                                                                                               Musso G, Signer ER, Wakef
Chin J, Lee J, Kelley M;
                                                                                                                                                                                                                                                       Benjamin H, Garnick MB,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Claim 16; Page 91; 106pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAW02311 standard; peptide; 7 AA.
                                                      96WO-US003492
                                                                                                       95US-00404831,
                                                                                                                              95US-00475579.
                                                                                                                                                                                                      (PHAR-) PHARM PEPTIDES INC.
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Best Local Similarity luv...
Si Conservative
                                                                                                                                                                                                                                                                                                                                                    WPI; 1996-433762/43
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                                                                                                                         07-JUN-1995;
27-OCT-1995;
                                                                                                       14-MAR-1995;
       19-SEP-1996.
                                                                                                                                                                                                                                                     Findeis MA,
                                                                                                                                                                                                                                                                               Kasman L,
Kubasek W,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           forms of amyloid precursor proteins comprising from the 5' to the 3' end as gequence encoding a marker and either (1) a sequence encoding the Nuterial and a sequence encoding the Nuterial (APP) up to, but not including the nucleotides encoding the beta amyloid protein (BAP) up to, but not including the nucleotides encoding the beta amyloid protein (BAP) domain or (2) the BAP domain; or the two ligated together, can be used to detect drugs or compounds that inhibit/augment the activity of proteolytic enzymes which cleave APP to generate BAP fragments (deposition of which occurs in patients with Alzheimers disease and Down's syndrome). This fragment corresponding to amino acid residues 14-20 of BAP can be altered and affect the level of secretion of APP's containing the BAP sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   New mutant forms of amyloid precursor protein - for detecting opds. that modify activity of enzymes involved in precursor cleavage, also new
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beta-amyloid; modulator; amyloid plaque; brain lesion; amyloidosis; cerebral blood vessel; Alzheimer's disease; amyloidogenic protein; familial amyloid polyneuropathy; familial amyloid cardiomyopathy; isolated cardiac amyloidosis; systemic senile amyloidosis; insulinoma; bovine spongiform encephalopathy; Creutrieldt-Jakob disease; urticaria, adult-onset diabetes; familial Mediterranean fever; therapy; deafness; scrapie; familial amyloid nephropathy; hereditary cerebral haemorrhage.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Recombinant polypeptides produced using the coding sequences of mutant
                                                 Amyloid precursor protein; APP; beta amyloid protein; BAP; detection; Alzheimer's disease; Down's syndrome.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Beta-amyloid modulator peptide #3.
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Beta amyloid protein fragment.
                                                                                                                                                                                                                                                                                                                                                                           (AMCY ) AMERICAN CYANAMID CO
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                                                                                                                                                                                                                                                                                                                             92US-00877675
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid encoding them.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                            Vitek MP, Jacobsen JS;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WPI; 1993-406194/51.
N-PSDB; AAQ54259.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 OKLVPP 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7 AA;
                                                                                                                           Homo sapiens
                                                                                                                                                                                                                                                                            03-MAY-1993;
                                                                                                                                                                                                                                                                                                                             01-MAY-1992;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WO9628471-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  02-MAY-1997
                                                                                                                                                                          AU9338358-A
                                                                                                                                                                                                                           04-NOV-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAW02312;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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                                                                                       Gaps
                                                                                       ö
100.0%; Score 30; DB 2; Length 7; 100.0%; Pred. No. 1.8e+06; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Beta-amyloid modulator peptide #2.
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positron emission tomography; PET; Down's syndrome; amyloidosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  9
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2 QKLVFF 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens,
Synthetic.
                                                                                                                      12-DEC-1995;
29-DEC-1995;
                                                                                                09-DEC-1996;
                           Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US5854204-A.
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                                                                         19-JUN-1997.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAW89376;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    modulator compounds of the invention. Beta-amyloid peptide is a 4

Kilodalton peptide that is the major protein component of amyloid

plaques. Amyloid plaques are present both in the brain leaions, and in

the walls of cerebral blood vessels in Alzheimer's disease patients. The

amyloid modulators of the invention comprise an amyloid openic protein or

peptide (such as this sequence) coupled directly or indirectly to at

least one modifying group. The modifying group is preferably a cyclic,

heterocyclic, or polycyclic group, such as declain, a cholamyl group, a

botin containing group, or a fluorescein containing group. These

compounds then modulate the aggregation of these sequences to natural

amyloid proteins or peptides when conteacted with the natural

amyloid proteins or peptides. The modulator compounds can be used

in the treatment of disorders associated with the natural

compounds amyloidogis, systemic senile amyloidosis, such as

familial amyloid proteins encephalopathy, familial amyloid disease, adult-onset

diabetes, insulinoma, familial Mediterranean fever, familial amyloid

chabetes, insulinoma, familial Mediterranean fever, familial amyloid

and other types of amyloidosis. The modulators are also useful for the

creatment of disorders associated with beta-amyloidosis, especially
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Amyloid beta peptide; Alzheimer's disease; polymerisation; aggregation;
                                                                                                                                                                                Findeis WA, Benjamin H, Garnick MB, Gefter ML, Hundal A;
Kasman L, Musso G, Signer ER, Wakefield J, Reed MJ, Molineaux S;
Kubasek W, Chin J, Lee J, Kelley M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                      Modulators of amyloid aggregation - comprising, e.g. amyloidogenic protein coupled (in)directly to at least 1 modifying gp., useful in treatment of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 30; DB 2; I
100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                        Claim 16; Page 90; 106pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAW45940 standard; peptide; 7 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Amyloid beta peptide fragment.
                                                                                        96WO-US003492.
                                                                                                               95US-00404831.
                                                                                                                           95US-00475579
                                                                                                                                      95US-00548998
                                                                                                                                                            (PHAR-) PHARM PEPTIDES INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.
E. Local 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (revised)
                                                                                                                                                                                                                                  WPI; 1996-433762/43.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 7 AA;
                                                                                                             14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
                                         WO9628471-A1
                                                                                        14-MAR-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            25-MAR-2003
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                                                                19-SEP-1996
                   Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAW45940;
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This sequence represents a fragment of the amyloid beta peptide. The invention relates to the use of peptide compounds for inhibition of polymerisation of amyloid beta peptide (ABP), as model substances for polymerisation of amyloid beta peptide (ABP), as model substances for synthesis of ABP-ligands for inhibition of polymerisation of ABP, as a cool for the identification of other organic compounds with similar than properties, or as ligands in positron emission tomography. The peptides may be used in treatment of amyloidosis, epetially in treatment of prevention of demens in patients with amyloidosis, for treatment or prevention of hereditary cerebral haemorrhage with amyloidosis (Dutch Cype) or for the prevention of fibril formation of human amyloid protein. They can also be used for identifying other molecules with similar properties and/or as ligands for detection of amyloid deposits using e.g. follow.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human; beta-amyloid peptide; Alzheimer's disease; amyloidogenic protein; aggregation; neurotoxicity; amyloidosis; Down's syndrome; cardiomyopathy; familial amyloid polymeuropathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; bAP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                            of
or
                                                                                                                                                                                                                                                                                                                                                                                                    Use of new and known peptide(s) for inhibition of polymerisation amyloid beta peptide - e.g. for treatment of Alzheimer's disease Down's syndrome associated with amyloidosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                             Terenius
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                         Nordstedt C, Naeslund J, Thyberg J, Tjernberg LO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 30; DB 2; L 100.0%; Pred. No. 1.8e+06; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Beta-amyloid peptide derivative A-beta-15-21.
                                                                                                                                                                                  (KARO-) KAROLINSKA INNOVATIONS AB.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAW89376 standard; peptide; 7 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Example 1; Fig 2B; 31pp; English
96WO-SE001621
                                                                   95SE-00004467
95US-0009386P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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RESULT 20
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                                                                                                                                                                                                                  The present invention describes beta-amyloid peptide (bAP) derivatives. The bAP derivatives inhibit aggregation of amyloidogenic proteins and peptides, specifically bAP, and their neurotoxicity, so are useful for treating and preventing any disease involving amyloidosis, specifically Alzheimer's disease but also Down's syndrome, familial amyloid polyneuropathy or cardiomyopathy, bovine spongiform encephalopathy and creutzfeldt-Jakob disease. The bAP derivatives are also used to diagnose these diseases, in vitro or in vivo, by detecting binding of bAP to labelled bAP derivatives. Some bAP derivatives inhibit bAP aggregation even when bAP is present in molar excess. The present sequence represents
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human; beta-amyloid peptide; Alzheimer's disease; amyloidogenic protein; aggregation; neurotoxicity; amyloidosis; Down's syndrome; cardiomyopathy; familial amyloid polyneuropathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; bby
                                                                                         Hundal A, Gefter ML, Kasman L, Musso G, Molineaux S, Benjamin H,
Findeis MA, Chin J, Lee J, Kelley M, Reed M, Wakefield J;
Garnick MB, Kubasek W, Signer ER;
                                                                                                                                                          amyloid
                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                      New peptide(s) derived from beta-amyloid peptide that inhibit an aggregation - and neurotoxicity, specifically for treatment and prevention of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 30; DB 2; Length 7; 100.0%; Pred. No. 1.8e+06; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Beta-amyloid peptide derivative A-beta-14-20.
                                                                                                                                                                                                Example 12; Col 64; 52pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAW89375 standard; peptide; 7 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      95US-00404831.
95US-00475579.
95US-00548998.
                             95US-00404831.
95US-00475579.
95US-00548998.
         96US-00612785.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    96US-00612785
                                                                       (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                                                                                                                    WPI; 1999-094964/08.
                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                              1 QKLVFF 6
                                                                                                                                                                                                                                                                                                                             DAP derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                1 OKLVFF
                                                                                                                                                                                                                                                                                                                                                 Sequence 7 AA;
                            14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
        14-MAR-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14-MAR-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               02-MAR-1999
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               29-DEC-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAW89375;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAW89375
ID AAW8
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                                                                                                                                                                                                                                                                                                                                                                                                                         The present invention describes beta-amyloid peptide (bAP) derivatives. The bAP derivatives inhibit aggregation of amyloidogenic proteins and peptides, specifically bAP, and their neurotoxicity, so are useful for treating and preventing any disease involving amyloidosis, specifically Alzheimer's disease but also Down's syndrome, familial amyloid polyneuropathy or cardiomyopathy, bovine spongiform encephalopathy and Creuzzfeldt-Jakob disease. The bAP derivatives are also used to diagnose these diseases, in vitro or in vivo, by detecting binding of bAP to labelled bAP derivatives. Some bAP derivatives inhibit bAP aggregation even when bAP is present in molar excess. The present sequence represents
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beta-amyloid, amyloid modulator; amyloidogenic protein; amyloidosis; familial amyloid cardiomyopathy; familial amyloid cardiomyopathy; isolated cardiac amyloid, systemic senile amyloidosis; scrapie; myeloma; bovine spongiform encephalopathy; BSE; Creutzfeldt-Jakob dieease; adult onset diabetes; Gerstmann-Straussler-Scheinker syndrome; insulinoma; atrial amyloidosis; idiopathic amyloidosis; haemodialysis; macroglobulinaemia-associated amyloidosis; reactive amyloidosis; primary localised cutaneous nodular amyloidosis; Sjogren's syndrome; hereditary cerebral haemorrhage with amyloidosis; Muckle-Wells syndrome;
                                                                                                                                                                                                              New peptide(s) derived from beta-amyloid peptide that inhibit amyloid aggregation - and neurotoxicity, specifically for treatment and prevention of Alzheimer's disease.
Kasman L, Musso G, Molineaux S, Benjamin H;
Lee J, Kelley M, Reed M, Wakefield J;
7, Signer ER;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 30; DB 2; Length 7; 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    non-neuropathic systemic amyloidosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Long form beta-amyloid protein fragment #3.
                                                                                                                                                                                                                                                                                                                                                           Example 12; Col 64; 52pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABG71006 standard; peptide; 7 AA.
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95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    96US-00617267
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familial Mediterranean Fever
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          05-DEC-2002 (first entry)
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   Hundal A, Gefter ML, Ka
Findeis MA, Chin J, Lee
Garnick MB, Kubasek W,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                            WPI; 1999-094964/08.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OKLVFF 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OKLVFF 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                a bAP derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US2002098173-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
14-MAR-1996;
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Hundal A;

n H, Garnick MB, Gefter ML, Hund: Signer ER, Wakefield J, Reed MJ;

Benjamin H,

Findeis MA,

Kasman L,

Musso G,

WPI; 2002-697709/75.

95US-00404831. 95US-00475579. 95US-00548998. 96US-00617267.

(PRAE-) PRAECIS PHARM INC.

14-MAR-1996;

07-JUN-1995; 14-MAR-1995; 27-0CT-1995

04-OCT-2001; 2001US-00972475.

25-JUL-2002

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The invention describes an amyloid modulator comprising an amyloidogenic protein and/or peptide fragment coupled to a modifying group so that the compound modulates the aggregation of natural amyloid proteins or peptides. The modulator is used for treating a disorder associated with amyloidosis e.g. familial amyloid cardiomyopathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Portuguese, Japanese congulated amyloid cardiomyopathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Portuguese, Japanese and familial amyloidosis, idiopathic (primary) amyloidosis, acrapie, bovine spongiform encephalopathy. Creutzfeldt-Jakob disease, adult onset atrial amyloidosis, idiopathic (primary) amyloidosis, macroglobulinaemia-associated myloidosis, primary localised cutaneous condular amyloidosis familial Mediterranean Fever and familial amyloidosis associated with Siogren's syndrome, reactive (secondary) amyloidosis familial amyloidosis of Finnish type, amyloidosis of Icelandic type, emyloidosis associated with long term haemofiallysis, hereditary ill), familial amyloidosis of the thyroid, fibrinogen-associated with compound is capable of altering and inhibiting betamyloidosis. The compound is capable of altering and inhibiting betamyloid protein (beta-AP) aggregation of natural amyloidosis associated when contacted with a molar excess amount of natural beta-APs crelative to the modulator. This sequence represents a fragment of the crelator of natural beta-APs long form of beta-amyloid used in the creation of an amyloid modulator
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                                                                                                              Amyloid modulator useful for treating a disorder associated with amyloidosis, comprises an amyloidogenic protein and/or a peptide fragment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Beta-amyloid; amyloid modulator; amyloidogenic protein; amyloidosis; familial amyloid polyneuropathy; familial amyloid cardiac amyloid; systemic senile amyloid cardiac amyloid; systemic senile amyloidosis; scrapie; myeloma; bovine spongiform encephalopathy; BSE; Creutzfeldt-Jakob disease; adult onset diabetes; Gerstmann-Straussler-Scheinker syndrome; haemodial amyloidosis; haemodialysis; macroglobulinaemia-associated amyloidosis; reactive amyloidosis; primary localised cutaneous nodular amyloidosis; Sjogren's syndrome; hereditary oerebral haemorrhage with amyloidosis; Muckle-Wells syndrome; familial Mediterranean Fever.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 30; DB 5; Length 7;
Pred. No. 1.8e+06;
Mismatches 0; Indels
Findeis MA, Benjamin H, Garnick MB, Gefter ML, Hund
Kasman L, Musso G, Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 30; US
100.0%; Pred. No. 1.8¢
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Long form beta-amyloid protein fragment #4.
                                                                                                                                                                                                          Example 12; Page 35; 41pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABG71007 standard; peptide; 7 AA
                                                                                                                                                          coupled to a modifying group.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6; Conservative
                                                                 WPI; 2002-697709/75.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 QKLVFF 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        05-DEC-2002
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The invention describes an amyloid modulator comprising an amyloidogenic protein and/or peptide fragment coupled to a modifying group so that the compound modulates the aggregation of natural amyloid proteins or peptides. The modulator is used for treating a disorder associated with compound modulator is used for treating a disorder associated with amyloidosis e.g. familial amyloid polyneuropathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Danish type), isolated cardiac amyloid systemic senile amyloidosis, scrapie, bovine spongiform encephalopathy. Creutzfeld.—Jakob disease, adult onset diabetes, Gerstmann-Straussler-Scheinker syndrome, insulinoma, isolated artial amyloidosis, primary localised cutaneous cartial amyloidosis, familial Mediterranean Fever and familial carpoid nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icelandic type, camyloid nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icelandic type, camyloidosis associated with long term haemodialaysis, hereditary non-neuropathic systemic amyloidosis (familial amyloidosis associated hereditary systemic camyloidosis of the thyroid, fibrinogen-associated hereditary carcinoma of protein (beta-AP) aggregation of natural amyloidosis amyloid protein (beta-AP) aggregation of natural amyloidosis when contacted with a molar excess amount of natural beta-APs crelative to the modulator. This sequence represents a fragment of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                    Amyloid modulator useful for treating a disorder associated with amyloidosis, comprises an amyloidogenic protein and/or a peptide fragment coupled to a modifying group.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gapa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 30; DB 5; I 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beta amyloid peptide (14-20) SEQ ID NO:6.
                                                                                                                                                                                                                                                                                                                                                                                                                                         Example 12; Page 35; 41pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABB05154 standard; peptide; 7 AA.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7 AA;
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Kasman L, Musso G,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7 AA;
                                                                                    sapiens
                                                                                                                                      US6319498-B1
                                                                                                                                                                                                         14-MAR-1996;
                                                                                                                                                                                                                                         14-MAR-1995;
                                                                                                                                                                                                                                                          07-JUN-1995;
27-OCT-1995;
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                                                                                                                                                                       20-NOV-2001.
                                                                                                                                                                                                                                                                                                                                             Findeis MA,
                                                                                    Homo sapier
Synthetic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                           Amyloid modulator compound useful for treatment of an amyloidogenic disease such as Alzheimer's disease comprises an aggregation core domain and a modifying group attached to it.
antidiabetic; antipyretic; dermatological; cardiovascular; nephrotropic; amyloid aggregation inhibitor; neurotoxicity inhibitor; Down's syndrome; amyloidogenic disease; beta amyloid deposition; amyloidosis; hereditary cerebral haemorrhage; familial amyloid polymeuropathy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Beta amyloid peptide; beta-AP; beta amyloid precursor protein; A-beta; APP-770; amyloid aggregation; amyloidogenic; Alzheimer's disease; nootropic; neuroprotective; immunosuppressive; antimicrobial; auditory;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The present invention describes an amyloid modulator compound (I)
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                                                                                                                                                                                                                                                                                                                                           Hundal A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 30; DB 5; Lengtn /; Pred. No. 1.8e+66;
                                                                                                                                                                                                                                                                                                                                          Garnick MB, Gefter ML, Hund
er ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Beta amyloid peptide (15-21) SEQ ID NO:7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example 11; Col 63; 54pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABB05155 standard; peptide; 7 AA
                                                                                                                                                                                                                                                                                                                                                             Kasman L, Musso G, Signer ER,
                                                                                                                                                                                                                                     95US-00404831.
95US-00475579.
95US-00548998.
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larity 100.0%;
Conservative 0
                                                                                                                                                                                                     96US-00617267
                                                                                                                                                                                                                                                                                                          (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                           Benjamin H,
                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2002-146668/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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                                                                                    sapiens.
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                                                                                                                                                                                                       14-MAR-1996;
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27-OCT-1995;
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                                                                                                                                                                     20-NOV-2001
                                                                                                                                                                                                                                                                                                                                           Findeis MA,
                                                                                                    Synthetic.
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comprising an aggregation core domain and a modifying group attached to it. [1] has nootropic, neuroprotective, immunosuppressive, antimicrobial, antidiabetic, antipyretic, dermatological, cardiovascular, nephrotropic, and auditory activities, and can be used as a natural amyloid aggregation inhibitor and a neurotoxicity inhibitor of natural beta amyloid aggregation (beta-APP). [1] are used in the manufacture of a medicament for the diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's disease and other clinical occurrences of beta amyloid deposition such as common and anyloidosis, and in patients with hereafitary cerebral heamorrhage with amyloidosis, and for treating a disorder associated with amyloidosis such as familial amyloid polymeuropathy. [1] reduces the coxicity of natural beta-AP aggregates to cultured neuronal cells. [1] not only reduces the formation of neurotoxic aggregates but also have the ability to reduce the neurotoxicity of performed A-beta fibrils. The present sequence is beta-AP peptide, which is used in the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Amyloid modulator compound useful for treatment of an amyloidogenic disease such as Alzheimer's disease comprises an aggregation core domain and a modifying group attached to it.
antidiabetic; antipyretic; dermatological; cardiovascular; nephrotropic; amyloid aggregation inhibitor; neurotoxicity inhibitor; Down's syndrome; amyloidogenic disease; beta amyloid deposition; amyloidosis; hereditary cerebral haemorrhage; familial amyloid polyneuropathy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           antibody molecule; antibody; beta-A4 peptide; Abeta4; neuroprotective; nootropic; antiparkinsonian; gene therapy; amyloidogenesis; amyloid-plaque formation; beta-amyloid plaque; immunisation; dementia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          present invention describes an amyloid modulator compound (I)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Hundal A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 7;
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er ER, Wakefield J, Reed MJ;
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100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   95US-00404831.
95US-00475579.
95US-00548998.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            96US-00617267.
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Solid-phase synthesis heptapeptide #13.

(first entry)

20-NOV-2003

ADA90936 standard; peptide; 7 AA.

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The present invention describes an antibody molecule (I) capable of specifically recognising two regions of the beta-A4 peptide/Abeta4. The first region comprises the amino acid sequence Ala-Gilu-Phe-Arg-His-Asp-CS-Ger-Gly-Tyr ADA89886 or its fragment, and the second region comprises the amino acid sequence val-His-His-Gilu-Iys-Leu-Val-Phe-Phe-Ala-Gilu-App-Val-Gily ADA89886 or its fragment. Also described: (I) a mucleic acid molecule canced in a mucleic acid molecule canced molecule canced molecule canced molecule canced for (I); (2) a vector comprising the nucleic acid of (I); (3) a host call of (3) under conditions that allow synthesis of culturing the host call of (3) under conditions that allow synthesis of culturing the host call of (3) under conditions that allow synthesis of culturing the host call of (3) under conditions that allow synthesis of culturing the host call of (3) under conditions that allow synthesis of (I); (8) testing the reculting fab optimisation library by panning or nucleic acid of (I), vector of (2) or host call of (3); (7) optimising of composition, comprising optimisation of (I), and formulating the composition, composition prepared by method (8): (1) has a carier; and (12) a paramaceutical composition prepared by method (8): (1) has canced on the prevention and/or treatment of a disease associated with antibody molecule with a carrier; and call molecule composition for the prevention and/or treatment of a disease associated with antibody molecule of the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease is captacted formation. In particular, the disease mentioned above. The antibody is used for the disease is captacted dementia, Alzheimer's disease, hereditary cerebral hamoral disease is created by an event in particular, the disease mentioned above. The antibody is used for the disease is created by an event of the disease, motor neuropathy, bown's syndrome, compo
Alzheimer's disease; motor neuropathy; Down's syndrome;
Creutzfeldt Jacob disease; hereditary cerebral haemorrhage; amyloidosis;
Parkinson's disease; HIV-related dementia; amyotrophic lateral sclerosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   New antibody molecule capable of specifically recognizing two regions of
the beta-A4 peptide, useful for diagnosing, preventing or treating
diseases associated with amyloidogenesis or amyloid-plaque formation
                                                                                                                                                                                                                                                                                                                                                                                                                          Kretzschmar T;
                                                                                                                                                                                                                                                                                                                                                                                                                            Huber W,
Rothe C;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Disclosure; Page 260; 312pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                            Brockhaus
                                                                                                                                                                                                                                                                                                                                                             HOFF ) HOFFMANN LA ROCHE & CO AG
                                                                                                                                                                                                                                                                                                                 20-FEB-2002; 2002EP-00003844.
                                                                                                                                                                                                                                                                       20-FEB-2003; 2003WO-EP001759.
                                                                                                                                                                                                                                                                                                                                                                                                                            Bohrmann B,
Loetscher H,
                                                                   neuronal disorder; aging
                                                                                                                                                                                                                                                                                                                                                                                  (MORP-) MORPHOSYS AG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2003-663848/62.
                                                                                                                                                                                 WO2003070760-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (e.g. dementia)
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                                                                                                                                       Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                            Bardroff M,
Loehning C,
                                                                                                                                                                                                                             28-AUG-2003.
                                                                                                                  Synthetic
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                         Gaps
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Length 7;
                        Indels
100.0%; Score 30; DB 6; L. 100.0%; Pred. No. 1.8e+06; tive 0; Mismatches 0;
                           Conservative
            Best Local Similarity
Matches 6; Conserv
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Query Match

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The present invention describes an antibody molecule (1) capable of specifically recognising two regions of the beta-A4 peptide/Abeta4. The specifically recognising two regions of the beta-A4 peptide/Abeta4. The specifically recognising two regions of the second region comprises the amino acid sequence Ala-Glu-Phe-Asp-CC first region comprises the amino acid sequence Val-His-Glu-Lys-Leu-Val-Phe-Phe-Ala-Glu-Asp-Val-Gly Abassas or its fragment, Also described: (1) a mucleic acid molecule coroding (1); (2) a vector comprising the nucleic acid of (1); (3) a host coll comprising the vector (2); (3) under conditions that allow synthesis of colluring the host cell of (3) under conditions that allow synthesis of culturing the host cell of (3) under conditions that allow synthesis of colluring the host cell of (3) under conditions that allow synthesis of colluring the resulting Fab optimisation (4); (6) a kit comprising (1) or an antibody molecule produced by method (4); (6) a kit comprising (1) conditions that allow synthesis of (1); (8) testing the resulting Fab optimisation library by panning against Abeta/Abeta4; (9) identifying optimised clones; (10) expressing of selected, optimised clones; (11) preparing a pharmaceutical composition prepared by method (8). (1) has comprised antibody/antibody molecule with a carrier; and (12) a pharmaceutical composition prepared by method (8). (1) has contropic and antiparkinsonian activities, and can be neuroprotective, nootropic and antiparkinsonian activities, and can be used in gene therapy. The antibody molecule (1), nucleic acid molecule contropic and antiparkinsonian activities, and can be used in gene therapy. The antibody molecule (1), nucleic acid with amyloidogenesis and/or amyloid-plaque formation. The antibody is used for the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease mentioned placed formation in particular, the prevention of beta-amyloid pl
                                                                                                                                                                           antibody molecule; antibody; beta-A4 peptide; Abeta4; neuroprotective; nootropic; antiparkinsonian; gene therapy; amyloidogenesis; amyloid-plaque formation; beta-amyloid plaque; immunisation; dementia; Alzheimer; disease; motor neuropathy; Down; syndrome; creutzfeldt Jacob disease; hereditary cerebral haemorrhage; amyloidosis; Parkinson's disease; HIV-related dementia; amyotrophic lateral sclerosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New antibody molecule capable of specifically recognizing two regions of
the beta-A4 peptide, useful for diagnosing, preventing or treating
diseases associated with amyloidogenesis or amyloid-plaque formation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Kretzschmar
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Nordstedt C,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Bohrmann B,
Loetscher H,
                                                                                                                                                                                                                                                                                                                                   neuronal disorder; aging.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2003-663848/62.
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Loehning C,
                                                                                                                                                                                                                                                                                                                                                                                   Synthetic
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continued with amyloidosis, particularly familial amyloid polyneuropathy (Bortuguese, Japanese and Swedish types), familial amyloid cardlomyopathy (Danish type), isolated cardlac amyloid, systemic senials amyloidosis, scrapie, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, Gerstmann-Straussler-Scheinker syndrome, adult onset diabetes, inquinoma, isolated artial amyloidosis, idiopathic (primary) amyloidosis, myeloma or macroglobulinemia-associated amyloidosis, primary cardized cutaneous nodular amyloidosis associated with Sjogran's card familial amyloid nephropathy with urticaria and deafness (Mucklewells syndrome), hereditary cerebral haemorrhage with amyloidosis of celandic type, amyloidosis associated with long term haemodialysis, hereditary non-neuropathic systemic amyloidosis (familial amyloid colymeuropathy lil), familial amyloidosis (familial amyloid sasociated with medullary carcinoma of the thyroid; fibrinogen associated hereditary renal amyloidosis and lysozyme-associated hereditary systemic amyloidosis. The present sequence is beta-amyloid peptide fragment used in the exemplification of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Amyloidogenic protein; therapy; amyloidosis; familial amyloid polyneuropathy; cardiomyopathy; systemic senile amyloidosis; bovine spongiform encephalopathy; creutzfeldt.—Jakob disease; derstmann—Straussler—Scheinker syndrome; diabetes; insulinoma; myeloma; Sjogren's syndrome; familial mediterranean fever; urticaria; deafness; hereditary cerebral haemorrhage; haemodialysis; thyroid; renal amyloidosis; lysozyme-associated hereditary systemic amyloidosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gapa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               New amyloidogenic protein aggregation modulators useful for treating disorder associated with amyloidosis e.g. familial amyloid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 30; DB 8; Length 7; 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Garnick MB, Gefter ML, Hund
er ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Human beta-amyloid long form peptide fragment #4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADJ64058 standard; peptide; 7 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17-JUN-2003; 2003US-00463729.
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95US-00548998.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            14-MAR-1996; 96US-00617267
04-OCT-2001; 2001US-00972475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            06-MAY-2004 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WPI; 2004-131767/13.
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                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      07-JUN-1995;
27-OCT-1995;
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ADJ64058
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dementia, Alzheimer's disease, motor neuropathy, Down's syndrome, Creutzfeldt Jacob disease, hereditary cerebral haemorrhage with amyloidosis Dutch type, Parkinson's disease, HIV-related demential amyotrophic lateral sclerosis or neuronal disorders related to aging. The present sequence is used in the exemplification of the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               familial amyloid polyneuropathy; cardiomyopathy; systemic senile amyloidosis; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; Gerstmann-Straussler-Scheinker syndrome; diabetes; insulinoma; myeloma; Sjogren's syndrome; familial mediterranean fever; urticaria; deafness; hereitary cerebral haemorrhage; haemodialysis; thyroid; renal amyloidosis; lysozyme-associated hereditary systemic amyloidosis; beta-amyloid peptide; human.
                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New amyloidogenic protein aggregation modulators useful for treating disorder associated with amyloidosis e.g. familial amyloid polyneuropathy, Creutzfeldt-Jakob disease and adult onset diabetes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The invention relates to amyloidogenic proteins or peptide fragments aggregation modulators. The invention is used for treating disorder
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                                                                                                                                                                          100.0%; Score 30; DB 6; I
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                ADJ64057 standard; peptide; 7 AA.
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95US-00475579.
95US-00548998.
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Best Local Similarity
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                                                                                                                                    Sequence 7 AA;
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27-OCT-1995;
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                                                                                                                                                                                                                     Matches
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                                                                                   The invention relates to amyloidogenic proteins or peptide fragments asgregation modulators. The invention is used for treating disorder associated with amyloidosts, particularly familial amyloid polyneuropathy (Portuguese, Japanese and Swedish types), familial amyloid acadiomyopathy (Danish type), isolated cardiac amyloid, systemic senile amyloidosis, Garapie, bovine spondiform encephalogathy, Creutzfeldt-Jakob disease, Gerstmann-Straussler-Scheinker syndrome, adult onset diabetes, insulinoma, isolated atrial amyloidosis, idiopathic (primary) localized cutaneous nodular amyloidosis, idiopathic (primary) localized cutaneous nodular amyloidosis, associated amyloidosis, primary localized cutaneous nodular amyloidosis, familial Mediterranean Fever and familial amyloid nephropathy with urticaria and deafness (Muckle-
                                                                                                                                                                                                                                                                                                                                                             Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icelandic type, amyloidosis associated with long term haemodialysis, hereditary non-neuropathic systemic amyloidosis (familial amyloid polyneuropathy III), familial amyloidosis of finnish type, amyloidosis associated with medullary carcinoma of the thyroid, fibrinogen associated medulary carcinoma of the thyroid, fibrinogen associated mayloidosis and lysozyme-associated hereditary systemic amyloidosis. The present sequence is beta-amyloid peptide fragment used in the exemplification of the invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               amyloid-beta; amyloid-beta related disease; amyloid-beta fibril formation; immune response; nootropic; anturoprotective; hemostatic; ophthalmological; antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic; anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic; cardiant; antidepressant; endoctine; hypnotic; antidepressant; endoctine; hypnotic; amyloid-beta fibril formation modulator; immune system modulator; Alzheimer's disease; mild cognitive impairment; mascular dementia; erebral angiopathy; hereditary cerebral haemorrhage; senile dementia; Down's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism;
polyneuropathy, Creutzfeldt-Jakob disease and adult onset diabetes.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 30; DB 8; Length 7; 100.0%; Pred. No. 1.8e+06; rive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 7;
                                             Example 12; SEQ ID NO 7; 52pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Amyloid-beta polymerisation peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADQ37378 standard; peptide; 7 AA.
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23-JUN-2003; 2003US-0482214P.
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Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that medialate amyloid-beta fibril formation, or therapeutic immune response against amyloid-beta is itshil formation, or (ii) an immune system modulator that prevents or inhibits amyloid-beta (ii) an immune system modulator that prevents or inhibits amyloid-beta (ii) an immune system modulator that prevents or inhibits amyloid-beta (iii) an introorvulaant, antichary anticharkinsonian, muscular, tranquilliser, uropathic, anticonvulaant, antichary anticharkinsonian, muscular, cortivities, or and can be used as amyloid-beta fibril formation modulators, and as immune system modulators (C) can be used for sesse e.g. Alzheimer's disease (including sporadic much exeditary) or familial (hereditary), mild cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, cerebral manilal dementia, cerebral modulators, including hypothyrolidism, exeboroascular disease, cardiovascular dementia, cerebral compassion, or a condition associated with Alzheimer's disease (including hypothyrolidism, exeboroascular disease, cardiovascular disease, memory loss, anxiety, a behavioural dystunction (e.g. apathy, alsease, memory loss, anxiety, a behavioural dystunction (e.g. muthing anyotrophic lateral sclerosis acquired immunodeficiency, parkinson's disease, aphasia, apraxia, agnosia, pick disease, dementia (ield deficits, incoordination, gait disturbance, transient ischemoic stransient ischemoic stransient schemon, brain tumour, posttraumatic brain injury, or posthypoxic damage), or a psychological condition (e.g. depression, depressed mood, irritability, annedminal deficit, frequent discinding sporacy or excessive quilt)) in a subject e.g. human having a genomic mutation in an auting amyloid-beta deposited which is used in the exemplification of the
                                                                                                                    Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 30; DB 8; I 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amyloid-beta; amyloid-beta related disease;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                        Disclosure; Page 95; 143pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADQ37350 standard; peptide; 7 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               07-OCT-2004 (first entry)
(NEUR-) NEUROCHEM INT LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                      Bellini F;
                                                                                 WPI; 2004-543342/52.
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                                        Gervais F,
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The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that modulates amyloid-beta fibril formation; or (therapeutic immune response against amyloid-beta fibril formation; or (ii) an immune system modulator that prevents or inhibits amyloid-beta fibril formation; or (iii) an immune system modulator that prevents or inhibits amyloid-beta (ibril formation. Also described is a kit comprising (C). (C) have notropic, neuroprofective, cerebroprofective, haemostatic. (C) have notropic, neuroprofective, cerebroprofective, haemostatic. coptibility antichyroid, vasotropic, cardiovascular, tranquilliser, uropathic, auticonvulsant, anti-HIV, antiparkinsonian, muscular, trandquilliser, uropathic, auticonvulsant, anti-HIV, antiparkinsonian, muscular, uropathic, auticonvulsant, anti-HIV, mild cognitive impairment, vasotlar dementia, care cognitive impairment, vasotlar dementia, care amyloid-beta related disease e.g. Alzheimer, vasotlar dementia, amild-to-moderate cognitive impairment, vasotlar dementia, cample amyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, amyloid angiopathy, hereditary cerebral haemorrhage, cardiovascular (including hypothyroidism, cerebrovascular disease, cardiovascular disease, amycrophic lateral selerosis, acquired immunodeficiency, appression, or incontinence), a neurological condition (e.g. apathy, aggression, or incontinence), an eurological condition (e.g. senatory or posthypoxic cuttack or stroke, transisent alerted muscle tone, seluraes, senator, or apsychological condition (e.g. depression, delusation, ballucination, sexual disorder, weight loss, psychological condition (e.g. depression, delusation, sexual disorder, weight or excessive
                                                                                                                                                                                                                                                                         cerebrovascular disease, cardiovascular disease, memory loss, anxiety, behavioural dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
amyloid-beta fibril formation; immune response; nootropic; neuropictective; cerebroprotective; haemostatic; ophthalmological; antithyroid; vasotropic; cardiovascular; ranquilliser; uropathic; anticonvulsant; anti-HTV; antiparkinsonian; muscular; neuroleptic; cardiant; antidepressant; endocrine; hypnotic; amyloid-beta fibril formation modulacor; immune system modulator; Alzhaimer's disease; mild cognitive impairment; mild-to-moderate cognitive impairment; vascular dementia; ererbral amyloid angiopathy; hereditary cerebral heemorrhage; senile dementia; bown's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Disclosure; Page 87; 143pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            24-DEC-2003; 2003WO-CA002021.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bellini F;
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                                                                                                                                                                                                                                                                                                                              vaccine antigen
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amyloid-beta fibril formation; immune response; nootropic;
neuroprotective; cerebroprotective; haemostatic; ophthalmological;
antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;
cardiant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer's disease; mild cognitive impairment;
mild-to-moderate cognitive impairment;
mild-to-moderate cognitive impairment;
senile dementia; Down's syndrome; inclusion body myositis;
senile dementia; Down's syndrome; inclusion body myositis;
erebrovascular degeneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
behavioural dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The present invention describes compositions (C) comprising: (a) a first agent (al) that prevents or treats amyloid-beta related disease; and (b) as ascond agent (al) that is: (i) a peptide or peptidomimetic that modulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation; or therapeutic immune system modulator that prevents or inhibits amyloid-beta fibril formation; or fibril formation is a kit comprising (C). (C) have nootropic, neuroprotective, cerebroprotective, haemostatic, ophthalmological, antithyroid, vasotropic, cardiovascular, tranquilliser,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
having amyloid-beta deposits. The present sequence represents a beta-
amyloid modulator peptide which is used in the exemplification of the
present invention.
                                                                                                                                                                        Gape
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                                                                                                                                 Length 7;
                                                                                                                                                                      0; Indels
                                                                                                                                 100.0%; Score 30; DB 8; L
100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                        0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                     ADQ37351 standard; peptide; 7 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Beta-amyloid modulator peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                 07-OCT-2004 (first entry)
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                                                                                                                                                                        6; Conservative
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                                                                                                                                                   Sest Local Similarity
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                                                                                                                                                                                                               OKLVFF
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                                                                                            Sequence 7 AA;
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                                                                                                                                 Query Match
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cc uropathic, anticonvulsant, anti-HIV, antiparkinsonian, muscular, cardiant, antidepressant, endocrine and hypnotic activities, neuroleptic, cardiant, antidepressant, endocrine and hypnotic activities, can and can be used as amyloid-beta fibril formation modulators, and as immune system modulators (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (Including sporadic (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (Including sporadic conficient, vascular dementia, cerebral amyloid angiopathy, hereditary cerebral hamorrhage, senile dementia, capturome, inclusion body myositis, age-related macular degeneration, or a condition associated with Alzheimer's disease (including hypothyroidism, cerebroascular disease, cardiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. apachy, caggression, or incontinence), a neurological condition (e.g. thutington's disease, amyotrophic lateral solarosis, acquired immunodeficiency, Parkinson's disease, aphasia, apraxia, agnosia, pick disease, dementia citled deficits, incoordination, galt disturbance, transient ischaemic attack or stroke, transient alertness, attention deficit, fraquent falls, syncope, neurological condition (e.g. depression, depressed mood, irritability, anhedonia, social withdrawal, or company, depressed mood, irritability, anhedonia, social withdrawal, or apsychological condition (e.g. depression in an amyloid precursor protein gene, an ApoB gene, or a presentlin gene; camploid medulator peptide which is used in the exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beta-amyloid; modulator; amyloid plaque; brain lesion; amyloidosis; cerebral blood vessel; Alzheimer's disease; amyloidogenic protein; familial amyloid polyneuropathy; familial amyloidosis; pystemic amyloidosis; publinoma; isolated cardiomyopathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; urticaria; adult-onset diabetes; familial Mediterranean fever; therapy; deafness; scrapie; familial amyloid nephropathy; hereditary cerebral haemorrhage.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 7;
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Best Local Similarity 100.0%; Pred. No. 1.8e+06;
Matches 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Beta-amyloid modulator peptide #1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAW02310 standard; peptide; 8 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               95US-00404831.
95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 OKLVFF 6
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07-JUN-1995;
27-OCT-1995;
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Anwighton peptide that is the major protons of the beca-amyloid and addition compounds of the invention. Beta-amyloid peptide is a kilodalton peptide that is the major protein component of amyloid plaques are present both in the brain lesions, and in plaques. Amyloid plaques are present both in the brain lesions, and in the amyloid modulators of the invention comprise an amyloidogenic protein or peptide (such as this sequence) coupled directly or indirectly to at least one modifying group. The modifying group is preferably a cyclic, heterocyclic, or polycyclic group, such as declain, a cholanyl group, a biotin containing group. The modifying group is preferably a cyclic, compounds then modulate the aggregation of these sequences to natural amyloid proteins or peptides when contacted with the natural amyloid proteins or peptides. The modulator compounds can be used in the treatment of disorders associated with amyloidosis, such as familial amyloid cardiac amyloidosis, systemic senile amyloidosis, sorapie, to bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, adult-onset of disorders associated with amyloidosis, sorapie, sorapie, septent especially myloid and other types of amyloidosis. The modulators are also useful for the struction of disorders associated with beta-amyloidosis, especially in the contaction of the modulators are also useful for the struction of disorders associated with beta-amyloidosis, especially
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Amyloid beta peptide; Alzheimer's disease; polymerisation; aggregation; positron emission tomography; PBT; Down's syndrome; amyloidosis.
n H, Garnick MB, Gefter ML, Hundal A;
Signer ER, Wakefield J, Reed MJ, Molineaux S;
Lee J, Kelley M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                              Modulators of amyloid aggregation - comprising, e.g. amyloidogenic protein coupled (in)directly to at least 1 modifying gp., useful in treatment of Alzheimer's disease.
                                                                                                                                                                                                                             AAW02310-W02332 represent the peptide portions of the beta-amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 30; DB 2; Length 8; 100.0%; Pred. No. 1.8e+06; rive 0; Mismatches 0; Indels
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                                                                                                                                                                                            Claim 16; Page 90; 106pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAW45937 standard; peptide; 8 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Amyloid beta peptide fragment.
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(first entry)
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           Benjamin H,
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Best Local Similarity
6, Conserve
                         Musso G,
Chin J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Alzheimer's disease
                                                                                 WPI; 1996-433762/43
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2 QKLVFF 7
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29-DEC-1995;
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30-JUN-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19-JUN-1997.
                             Kasman L, 1
Kubasek W,
           Findeis MA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAW45937;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 32
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WPI; 2002-697709/75
                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                  9
                                                                                                                                                                                        a bAP derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US2002098173-A1.
                                                                                                                                                                                                                                                                                      OKLVFF
                                                                                                                                                                                                                 Sequence 8 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    07-JUN-1995;
27-OCT-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14-MAR-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14-MAR-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25-JUL-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Findeis MA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Кавшап Ľ,
                                                                                                                                                                                                                                                                                                                                                                                            ABG71005;
                                                                                                                                                                                                                                                                                                                                                RESULT 34
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                                                                                                                                                                                                                                                                                                           셤
                                                                                                              This sequence represents a fragment of the amyloid beta peptide. The invention relates to the use of peptide compounds for inhibition of anyloid beta peptide (ABP), as model substances for synthesis of ABP-ligands for inhibition of polymerisation of ABP, as a colymerisation of ABP, as a tool for the identification of other organic compounds with similar tool functional properties, or as ligands in positron emission tomography. The peptides may be used in treatment of amyloidosis, especially in treatment or pervention of demens in patients with amyloidosis, for treatment or prevention of demens in patients with bown's syndrome, for treatment or prevention of hereditary cerebral haemorrhage with amyloidosis (Dutch type) or for the prevention of fibril formation of human amyloid protein. They can also be used for identifying other molecules with similar properties and/or as ligands for detection of amyloid deposits using e.g. positron emission tomography. (Updated on 25-MAR-2003 to correct PI
                                                                                                                                                                                                                                                                                                                                                           ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human; beta-amyloid peptide; Alzheimer's disease; amyloidogenic protein; aggregation; neurotoxicity; amyloidosis; Down's syndrome; cardiomyopathy; familial amyloid polyneuropathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; bay
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gefter ML, Kasman L, Musso G, Molineaux S, Benjamin H;
, Chin J, Lee J, Kelley M, Reed M, Wakefield J;
, Kubasek W, Signer ER;
                                                                                                                                                                                                                                                                                                                                                           Gaps
                                           Use of new and known peptide(s) for inhibition of polymerisation of amyloid beta peptide - e.g. for treatment of Alzheimer's disease or Down's syndrome associated with amyloidosis.
 Terenius L;
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                                                                                                                                                                                                                                                                                                                                  100.0%; Score 30; DB 2; Length 8; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
Thyberg J, Tjernberg LO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Beta-amyloid peptide derivative A-beta-14-21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAW89374 standard; peptide; 8 AA.
                                                                                           Example 1; Fig 2B; 31pp; English.
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95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (first entry)
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Nordstedt C, Naeslund J,
                                                                                                                                                                                                                                                                                                                                                          6; Conservative
                     WPI; 1997-332723/30.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WPI; 1999-094964/08
                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                 1 OKLVFF 6
                                                                                                                                                                                                                                                                                                                                                                                               OKLVFF
                                                                                                                                                                                                                                                                                                             Sequence 8 AA;
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07-JUN-1995;
27-OCT-1995;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14-MAR-1996;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               02-MAR-1999
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US5854204-A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAW89374;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Hundal A,
                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                      field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 33
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                                                                                                                                                                                                                                         The present invention describes beta-amyloid peptide (bAP) derivatives. The bAP derivatives inhibit aggregation of amyloidogenic proteins and peptides, specifically bAP, and their neurotoxicity, so are useful for treating and preventing any disease involving amyloidosis, specifically Alzheimer's disease but also Down's syndrome, familial amyloid polyneuropathy or cardiomyopathy, bovine spongiform encephalopathy and preventing and derivatives are also used to diagnose these diseases, in vitro or in vivo, by detecting binding of bAP to labelled bAP derivatives. Some bAP derivatives inhibit bAP aggregation even when bAP is present in molar excess. The present sequence represents
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Amyloid modulator useful for treating a disorder associated with amyloidosis, comprises an amyloidogenic protein and/or a peptide fragment
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New peptide(8) derived from beta-amyloid peptide that inhibit amyloid aggregation - and neurofoxicity, specifically for treatment and prevention of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 30; DB 2; Length 8; 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
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Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Long form beta-amyloid protein fragment #2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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                                                                                                                                                                           Example 12; Col 64; 52pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABG71005 standard; peptide; 8 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        95US-00404831.
95US-00475579.
95US-00548998.
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The invention describes an amyloid modulator comprising an amyloidogenic protein and/or peptide fragment coupled to a modifying group so that the protein and/or peptide fragment coupled to a modifying group so that the compound modulates the aggregation of natural amyloid proteins or peptides. The modulator is used for treating a disorder associated with amyloidosis e.g. familial amyloid cardiomyopathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Danish type), composition encephalopathy, Creutzfeldt-Jākob disease, adult onset diabetes, Gerstmann-Straussler-Scheinker syndrome, insulinoma, isolated artial amyloidosis, indiopathic (primary) amyloidosis, scrapie, bovine compular amyloidosis, familial Mediterranean Fever and familial amyloid nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icalandic type, compulation nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icalandic type, amyloidosis associated with long term haemodialysis, hereditary non-neuropathic systemic amyloidosis of the thyroid, fibringen-associated with III), camyloidosis of the thyroid, fibringen-associated with amyloidosis associated hereditary systemic amyloidosis and lysozyme-associated hereditary systemic compound is capable of altering and inhibiting beta-App aggregation of an amyloidosis and preprides when contacted with a molar excess amount of natural beta-App creative to the modulator. This sequence represents a fragment of the corporation of an amyloid modulator.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Beta amyloid peptide; beta-AP; beta amyloid precursor protein; A-beta; APP-770; amyloid aggregation; amyloidogenic; Alzheimer's disease; nootropic; neuroprotective; immunosuppressive; antimicrobial; auditory; amtidiabetic; antipyretic; dermatological; cardiovascular; nephrotropic; amyloid aggregation inhibitor; neurotoxicity inhibitor; Down's syndrome; amyloidogenic disease; beta amyloid deposition; amyloidosis; hereditary cerebral haemorrhage; familial amyloid polyneuropathy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 30; DB 5; Length 8; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
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                                      Example 12; Page 35; 41pp; English.
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95US-00475579.
95US-00548998.
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coupled to a modifying group.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 8 AA;
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The present invention describes an amyloid modulator compound (I) comprising an aggregation core domain and a modifying group attached to it. (I) has noctropic, neuroprotective, immunosuppressive, antimicrobial, antidiabetic, antipyretic, dermatological, cardiovascular, nephrotropic and auditory activities, and can be used as a natural amyloid aggregation inhibitor and a neurotoxicity inhibitor of natural beta amyloid aggregation (beta-Ap). (I) are used in the manufacture of a medicament for the diagnosis or treatment of an amyloidogenic disease e.g. Alzhaimer's disease and other clinical occurrences of beta amyloid deposition such as Down's syndrome individuals and in patients with hereditary cerebral
                                                                                                                                                                                                                                                                                                                                                                                                   haemorrhage with amyloidosis, and for treating a disorder associated with amyloidosis such as familial amyloid polyneuropathy. (1) reduces the toxicity of natural beta-AP aggregates to cultured neuronal calls. (1) not only reduces the formation of neurotoxic aggregates but also have the ability to reduce the neurotoxicity of performed A-beta fibrils. The present sequence represents a beta-AP peptide, which is used in the
                                                                                                  Amyloid modulator compound useful for treatment of an amyloidogenic disease such as Alzheimer's disease comprises an aggregation core domain and a modifying group attached to it.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Amyloidogenic protein; therapy; amyloidosis; familial amyloid polyneuropathy; cardiomyopathy; surdiomyopathy; surdiomyopathy; cardiomyopathy; cardiomyopathy; cardiomyopathy; cardiomyopathy; creutzfeldt-Jakob disease; derstmann-Straussler-Scheinker syndrome; diabetes; hsulinoma; myeloma; Sjogren's syndrome; familial mediterranean fever; urticaria; deafiness; hereitary cerebral haemorrhage; haemodialysis; thyroid; renal amyloidosis; lysozyme-associated hereditary systemic amyloidosis; beta-amyloid peptide; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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           Hundal A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
         , Benjamin H, Garnick MB, Gefter ML, Hund
Musso G, Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 30; DB 5; I
100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human beta-amyloid long form peptide fragment #2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           exemplification of the present invention
                                                                                                                                                                                   Disclosure; Col 18; 54pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADJ64056 standard; peptide; 8 AA.
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95US-00475579.
95US-00548998.
96US-00617267.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
                                                                     WPI; 2002-146668/19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 OKLVFF 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 8 AA;
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07-JUN-1995;
27-OCT-1995;
14-MAR-1996;
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                                     Kasman L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADJ64056;
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    Synthetic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                         The invention relates to amyloidogenic proteins or peptide fragments asgregation modulators. The invention is used for treating disorder associated with amyloidosis, particularly familial amyloid polyneuropathy (Portuguese, Japanese and Swedish types), familial amyloid dolyneuropathy (Danish type), isolated cardiac amyloid, systemic senile amyloidosis, serapie, bovine spongiform encephalogathy, Creutzfeldt-Jakob disease, Gerstmann-Straussler-Scheinker syndrome, adult onset diabetes, insulinoma, isolated atrial amyloidosis, idiopathic (primary) amyloidosis, myeloma or macroglobulinemia-associated amyloidosis, primary localized cutaneous nodular amyloidosis, sassociated myloidosis, primary localized cutaneous nodular amyloidosis associated with Sjogren's syndrome, reactive (secondary) amyloidosis, familial Mediterranean Fever and familial amyloid nephropathy with urticaria and deafness (Muckie-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Wells syndrome), hereditary cerebral hamorrhage with amyloidosis of Icelandic type, amyloidosis associated with long term hamodialysis, hereditary non-neuropathic systemic amyloidosis (familal amyloid polyneuropathy III), familial amyloidosis of Finnish type, amyloidosis associated with medullary carcinoma of the thyroid, fibrinogen associated medulary carcinoma of the thyroid, fibrinogen associated mayloidosis and lysozyme-associated hereditary systemic amyloidosis. The present sequence is beta-amyloid peptide fragment used in the exemplification of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     age-related macular degeneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
behavioural dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                     New amyloidogenic protein aggregation modulators useful for treating disorder associated with amyloidosis e.g. familial amyloid polyneuropathy, Creutzfeldt-Jakob disease and adult onset diabetes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amyloid-beta; amyloid-beta related disease; amyloid-beta fibril formation; immune response; nootropic; neuroprotective; cerebroprotective; haemostatic; ophthalmological; antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic; antithyroid; antitonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic; cardiant; antidepressant; endocrine; hypnotic; amyloid-beta fibril formation modulator; immune system modulator; Alzheimer's disease; mild cognitive impairment; vascular dementia; cerebral amyloid angiopathy; hereditary cerebral haemorrhage; senile dementia; Down's syndrome; inclusion body myositis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 30; DB 8; Length 8; 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
                                                                                        Findeis MA, Benjamin H, Garnick MB, Gefter ML, Hund
Kasman L, Musso G, Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                  Example 12; SEQ ID NO 5; 52pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Amyloid-beta polymerisation peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADQ37377 standard; peptide; 8 AA.
04-OCT-2001; 2001US-00972475.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (first entry)
                                             (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6; Conservative
                                                                                                                                                           WPI; 2004-131767/13.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 QKLVFF 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8 AA;
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The present invention describes compositions (C) comprising: (a) a first capture (a1) that prevents or treats amyloid-beta related disease; and (b) agencial (a1) that prevents or treats amyloid-beta fibril formation or induces a prophylactic or therapeutic immune response against amyloid-beta appoint or induces a prophylactic or therapeutic immune response against amyloid-beta amyloid-beta fibril formation, or (ii) an immune system modulator that prevents or inhibits amyloid-beta for intripy or intripy (C). (C) have notropic, neuroprotective, c-rebroprotective, cardiovatic, or excitant, antidaporessant, endocrina, mencular, neurological, antithycoid, vasocropic, cardiovascular, tranquilliser, or pothalmological, antithycoid, vasocropic, cardiovascular, tranquilliser, or moderoptic, cardiant, antidaporessant, endocrina and hypnotic activities, neurologicis, cardiant, antidaporessant, endocrina and hypnotic activities, cand can be used as amyloid-beta fibril formation andylators, and anyloid-beta related disease (g. Alzheimer's disease (including sporadic non-bereditary) or familial (hereditary), mild cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, compreditary cerebral haemorrhage, senile dementia, Down's syndrome, inclusion body myositis, agencial condition (e.g. appthylosyloidism, cerebrowscular disease, cardiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. appthylosyloidism, cerebras actives, assorbed the substance, and anyloid-beta ilteral alextness, actual disease, dementia stringes accompanies, and anyloid-beta interest actives, and anyloid-beta interest, and anyloid anyloidism, cardianton, gait disturbance, transient lateral disturbance, transient series, and anyloid precurse anyloid precurses and mood, irritiability, anhedomina, poor insulation, sexal disease, and present sequence represent successive gui
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
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100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Disclosure, Page 95; 143pp; English.
                                                                                     24-DEC-2003; 2003WO-CA002021.
                                                                                                                                                                     24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                                  (NEUR-) NEUROCHEM INT LTD.
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nes 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                            Gervais F, Bellini F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2004-543342/52.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .. .1 OKLVFF
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15-JUL-2004.
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us-10-009-122-24.rag

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The present invention describes compositions (C) comprising: (a) a first agent (al) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidominetic that condulates amyloid-beta fibril formation or induces a prophylactic or thereapeutic immune response against amyloid-beta fibril formation, or therapeutic immune response against amyloid-beta fibril formation, or therapeutic immune system modulator that prevents or inhibits amyloid-beta (ii) an immune system modulator that prevents or inhibits amyloid-beta contropic, neuroprotective, cerebroprotective, haemostatic, (C) have coptibing metriphycoid, vasotropic, cardiovascular, tranquilliser, corptable, anticonvulsant, anti-HIV, antiparkinsonian, muscular, corptable, cardiant, antidepressant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an emyloid-beta related disease e.g. Alzheimer's disease (including sporadic conn-hereditary) or familial (hereditary), mild cognitive impairment, cerebral mayloid angiopathy, hereditary cerebral haemorrhage, senile dementia, cageneration, or a condition associated with Alzheimer's disease (including hypothyroidism, cerebrovascular disease, cardiovascular disease, memory loss, anxiety, a behavioural disease, cardiovascular dementia aggression, or incontinence), a neurological condition (e.g. Muntington's disease, amyotrophic lateral sclerosis, acquired immunodeficiency, dementia
                                                                                                                                                                                                                     wayloid-beta; amyloid-beta related disease;

wayloid-beta fibril formation; immune response; nootropic;

wayloid-beta fibril formation; immune response; nootropic;

w neuroprotective; cerebroprotective; hemostatic; ophthalmological;

w neuroprotective; cardiovascular; tranquiliser; uropathic;

w antichyroid; vasotropic; cardiovascular; tranquiliser; uropathic;

w antichyroid; vasotropic; cardiovascular; muscular; neuroleptic;

w antichoryessant; endocrine; hypnotic;

w anyloid-beta fibril formation modulator; immune;

w alzheimer's disease; mild cognitive impairment;

w alzheimer's disease; mild cognitive impairment;

w alcomparate cognitive impairment;

w alcomparate cognitive impairment;

w acrebral amyloid angiopathy; hereditary cerebral haemorthage;

w age-related macular degeneration; hypothyroidism;

cerebrovascular disease; cardiovascular disease; memory loss; anxiety;

w behavioural dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Disclosure; Page 87; 143pp; English.
                                          ADQ37349 standard; peptide; 8 AA
                                                                                                                                                                                       Beta-amyloid modulator peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24-DEC-2003; 2003WO-CA002021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (NEUR-) NEUROCHEM INT LID.
                                                                                                                                       (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WO2004058239-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          vaccine antigen.
                                                                                                                                         07-OCT-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      15-JUL-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Synthetic.
                                                                                            ADQ37349;
RESULT 38
                         ADQ37349
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Recombinant polypeptides produced using the coding sequences of mutant forms of amyloid precursor proteins comprising from the 5' to the 3' end a sequence encoding a marker and either (1) a sequence encoding the N-terminus of an amyloid precursor protein (APP) up to, but not including, the nucleotides encoding the beta amyloid protein (BAP) domain or (2) the BAP domain; or the two ligated together, can be used to detect drugs or compounds that inhibit/augment the activity of proteolypic enzymes which cleave APP to generate BAP fragments (deposition of which occurs in patients with Alzheimers disease and Down's syndrome). This is a fragment of amyloid precursor protein containing a mutation which is associated with diseases involving BAP deposition
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with Lewy bodies, altered muscle tone, seizures, sensory loss, visual field deficits, incoordination, gait disturbance, transient ischaemic attack or stroke, transient alertness, attention deficit, frequent falls, synope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural haematoma, brain tumour, posttraumatic brain injury, or posthypoxic damage), or a psychological condition (e.g. depression, delusions, illusion, hallucination, sexual discorder, weight loss, psychosis, a sleep disturbance, insomnia, behavioural distinibition, poor insight, suicidal ideation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt) in a subject e.g. human having a genomic mutation in an amyloid percursor protein gene, an ApoE gene, or a presentlin gene, having amyloid-beta deposits. The present sequence represents a beta-amyloid modulator peptide which is used in the exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New mutant forms of amyloid precursor protein - for detecting cpds. that modify activity of enzymes involved in precursor cleavage, also new
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Amyloid precursor protein; APP; beta amyloid protein; BAP; detection; Alzheimer's disease; Down's syndrome.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                y match
Local Similarity 100.0%; Pred. No. 1.8e+06;
tes 6; Conservative 0; Mismatchea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mutant amyloid precursor protein fragment.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Disclosure; Page 35; 66pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAR45239 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        93AU-00038358.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (AMCY ) AMERICAN CYANAMID CO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nucleic acid encoding them.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20-JUN-1994 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Vitek MP, Jacobsen JS;
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N-PSDB; AAQ54267.
                                                                                                                                                                                                                                                                                                                                                                                                                               present invention.
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2 QKLVFF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 8 AA;
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RESULT 40

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Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
                                                                                                                                                                                                                                          Noctropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human; amyloid beta protein; beta-A4; memory enhancement; learning.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human amyloid beta protein (beta-A4) peptide 12-20 SEQ ID NO:4.
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                                                                                                                                                                                                                                                                                                                                                                                                         /note= "C-terminal amide"
                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
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                                                                                            AAB48493 standard; peptide; 9 AA.
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                                                                                                                                                                                                            Antifibrillogenic peptide #20.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         04-MAY-2000; 2000WO-CA000515.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               99US-0132592P.
                                                                                                                                                                        (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gervais F,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (NEUR-) NEUROCHEM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPI; 2001-031852/04.
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4 QKLVFF 9
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                                                                                                                                                                                                                                                                                                                                                                   Key
Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Chalifour R,
                                                                                                                                                                                                                                                                                                                              Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               05-MAY-1999;
                                                                                                                                                                        02-MAR-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16-NOV-2000.
                                                                                                                                  AAB48493;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABB04913;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      protein
                                                        RESULT 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 42
                                                                            AAB48493
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               셤
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              This sequence represents a fragment of the amyloid beta peptide. The invention relates to the use of peptide compounds for inhibition of polymerisation of amyloid beta peptide (ABP), as model substances for synthesis of ABP-ligands for inhibition of polymerisation of ABP, as a tool for the identification of other organic compounds with similar thool for the identification of other organic compounds with similar peptides may be used in treatment of amyloidosis, especially in treatment of Alzheimer's disease associated with amyloidosis, for treatment or prevention of demens in patients with Down's syndrome, for treatment or prevention of hereditary cerebral haemorrhage with amyloidosis (Dutch type) or for the prevention of fibrail formation of human amyloid protein. They can also be used for identifying other molecules with similar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   properties and/or as ligands for detection of amyloid deposits using e.g. positron emission tomography. (Updated on 25-MAR-2003 to correct Pl
                                                                                                                                                                                                                                                                                                                                                                                                                                         Amyloid beta peptide; Alzheimer's disease; polymerisation; aggregation; positron emission tomography; PET; Down's syndrome; amyloidosis.
                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Use of new and known peptide(s) for inhibition of polymerisation of amyloid beta peptide - e.g. for treatment of Alzheimer's disease or Down's syndrome associated with amyloidosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Terenius L;
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                                                      Length 9;
                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tjernberg LO,
                                                    ; Score 30; DB 2; L; Pred. No. 1.8e+06; 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (KARO-) KAROLINSKA INNOVATIONS AB.
                                                                                                                                                                                                                                                                AAW45935 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Example 1; Fig 2B; 31pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                       Amyloid beta peptide fragment.
                                                  Query Match
Best Local Similarity 100.0%;
Matches 6; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         95SE-00004467.
95US-0009386P.
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                                                                                                                                                                                                                                                                                                                                                                 (first entry)
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Best Local Similarity 100.
Matches 6; Conservative
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field.)
                                                                                                                                                    OKLVFF
                                                                                                                              1 OKLVFF
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                Sequence 9 AA;
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08-JUL-1998
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Gaps

99US-0171877P

23-DEC-1999;

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The present invention describes a novel peptide compound comprising Lys-
His-Tyr-beta-alanine, which has a memory modulating effect. The peptide
has nootropic activity. The peptide can be used for the development of
topographic models useful to design and synthesise memory-enhancing and
life-quality improving substances. The peptide compound restores the
balance between excitatory and inhibitory systems in the brain, which is
required for optimal acquisition and retention of learning and helps to
correct defects in the balance that arise as a result of aging,
infections and injury. The substances exert recybernaticising effects on
cervous system function and has more prolonged desired effects on
nervous system function and has more prolonged desired effects on
cervous system function and has more prolonged desired effects of
active peptides surtoures. The substances mimic the action of
active peptides without having a peptide structure and do not subject to
degradation of peptide-splitting enzymes in the gut or other tissues. The
present sequence represents a human amyloid beta protein (beta-A4)
peptide, which is used in the exemplification of the present invention
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Amyloid-beta40 inhibitor, Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                 New peptide compound useful for design of substances that enhance memory.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Peptide #20, used as carrier for the amyloid-beta40 (Abeta40) inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gape
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100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /note= "C-terminal amide"
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Disclosure; Col 1; 30pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAU11667 standard; peptide; 9 AA.
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                                                                                                                                                                                                          97US-00797782
                                                                                                                                                           99US-00264709
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Post Local Similarity 10v.
6: Conservative
                                                                                                                                                                                                                                                                                                                                                WPI; 2002-096566/13.
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                                                                                                                                                                                                                                                        (ROBE/) ROBERTS E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4 OKĽVĚF 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 OKLVFF
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Modified-site
                          Homo sapiens
                                                                                                                                                               09-MAR-1999;
                                                                                                                                                                                                          07-FEB-1997;
                                                                     US6320024-B1
                                                                                                                  20-NOV-2001
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                                                                                                                                                                                                                                                                                                     Roberts E;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAU11667;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 43
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The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid angiopathy, particularly Alzheimer's disease, hereditary cerebral amyloid haemorrhagic trype and haemorrhagic stroke. The present sequence represents one of a group of peptides (AAU11648-AAU11669, AAU11910 & AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ô
                                                                                                                                                              Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mass spectrometry; polymer; analysis; cleavage; substrate specificity;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                       Disclosure; Page 10; 68pp; English.
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(NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2003-184066/18.
                                                                                                                WPI; 2002-075222/10.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 OXLVFF (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WO2003001206-A1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Synthetic.
                                                                                                                                                                                                                                    inhibitor.
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                                                            Green AM,
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ABP57517
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us-10-009-122-24.rag

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The present invention describes a method (M1) for analysing cleavage of a polymer. M1 comprises: (a) providing a sample of the polymer, a portion of the polymer molecules having been labeled at a position on one side of the potential cleavage site with a first isotopic label and a portion of the potential cleavage site with a scoond isotopic label; (b) concludating the sample under conditions suitable for cleavage at the potential cleavage site; and (c) analysing the mass(es) of any cleaved incubating the sample under conditions suitable for cleavage at the potential cleavage site; and (c) analysing the mass(es) of any cleaved conditions suitable for cleavage at the polymer by mass spectrometry and thereby determining whether and/or where cleavage has taken place. M1 is useful for analysing cleavage of a polymer, where the polymer is a linear polymer, and comprises a peptide or protein. Methods from the present invention can be used in discovaring cleavage of improved synthetic substrates for both known and unknown enzymes, c. g. enzymes identified from the human genome. The methods are also useful to identify the sequence origin, and in screening methods to identify new substrates for enzymes, in positional peptide scanning clibraries, in in vivo/ex vivo/in vitro peptide, and in assaying methods con polymerides or polymerdes are useful for monitoring the cleavage of polymerides or polymucleotides, and for determining optimal polymer substrates. ABB57605 to ABB57605 represent invention
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; postiasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
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100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
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/note= "D-form residues"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Location/Qualifiers
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Best Local Similarity 100.
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WPI; 2003-201269/19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 QKLVFF 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    17-JUN-2003
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Prevention and/or treatment of an amyloid-related disease e.g.

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The invention relates to a method for prevention and/or treatment of an anyloid-related disease which comprises administration of an all-D-amyloid-related disease which comprises administration of an all-D-amyloid-bet apptide. The method is used for preventing and/or treating Alzheimer's and other amyloid related disease e.g. cerebral amyloid angiopathy; for altering serum levels of amyloid-beta in a mammal and the mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including to inflammatory diseases e.g. rheumatoid arthritis, juvenile chronic arthritis, ankylosing spondylitis, psoriatis, juvenile chronic arthritis, ankylosing spondylitis, psoriatis, syndrome and Crohn's Gisease. AA deposite are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus culers, chronic pyelonephritis, obserwabilitis and Whipple's disease). Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymboma, renal carcinoma of gut, lung and urogenital tract, basal cell carcinoma, carcinomas of gut, lung cand urogenital tract, basal cell carcinoma and hairy cell leukaemia. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New amyloid beta peptide, useful for preparing a composition for preventing the formation or progression of amyloid plaques for preventing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The present invention describes an isolated amyloid beta peptide or its homologue which is selected by a method comprising: (a) determining the binding value of each amino acid of a subsequence of amyloid beta peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
 Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         peptide; vaccine; immunisation; neuroprotective;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 30; DB 6; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Example 2; SEQ ID NO 28; 69pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (MIND-) MINDSET BIOPHARMACEUTICALS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Amyloid beta peptide SEQ ID NO:28.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADI35874 standard; peptide; 9 AA.
                                     Page 58; 44pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         or treating Alzheimer's disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                16-JUL-2003; 2003WO-US022280.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   17-JUL-2002; 2002US-0396245P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Chain DG, Fitzer-Attas C;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22-APR-2004 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 2004-122759/12.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       QKLVFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WO2004006861-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         amyloid beta
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                                                                                                                                                                                                                                                                                                                                                                                                                       invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADI35874;
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                                     Claim 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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upon binding to a HLA class 1 and/or class II molecule of interest; (b)
determining the resulting score of all amino acids of the subsequence,
based on the binding value of each amino acids of the subsequence,
closed on the binding value of each amino acids of the subsequence,
closed on the binding value of each amino acids of the subsequence,
closed on the binding the resulting score to a preselected value. Also described
comprising the reaction of an individual to a vaccine, (4) matching a
cocine comprising a beta amyloid or homologue peptide to an individual,
for immunisation of an individual based on the HLA haplotype of the
individual, (5) a kit for matching a vaccine comprising anyloid beta
comprising the formation or progression of amyloid plaques. The
amyloid beta peptide has neuroprotective activity, and can be used in
carrier anyloid beta peptide is useful for preparing a composition
for preventing the formation or progression of amyloid plaques for
preventing or treating Alzheimer's disease. The present sequence
crepresents an amyloid beta (Abbeta) peptide, which is used in an example
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     from the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 9 AA;
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100.0%; Score 30; DB 8; Length 9; 100.0%; Pred. No. 1.8e+06; rive 0; Mismatches 0; Indels
                               6; Conservative
  Query Match
Best Local Similarity
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ADI35981 standard; peptide; 9 AA. (first entry) 22-APR-2004 ADI35981; RESULT 47

Amyloid beta peptide SEQ ID NO:135.

amyloid beta peptide; vaccine; immunisation; neuroprotective; Alzheimer's disease.

WO2004006861-A2. Synthetic.

22-JAN-2004

16-JUL-2003; 2003WO-US022280.

17-JUL-2002; 2002US-0396245P.

(MIND-) MINDSET BIOPHARMACEUTICALS INC.

Chain DG, Fitzer-Attas C;

WPI; 2004-122759/12.

New amyloid beta peptide, useful for preparing a composition for preventing the formation or progression of amyloid plaques for preventing or treating Alzheimer's disease. Example 6; SEQ ID NO 135; 69pp; English.

The present invention describes an isolated amyloid beta peptide or its homologue which is selected by a method comprising: (a) determining the binding value of each amino acid of a subsequence of amyloid beta peptide upon binding to a HiA class I and/or class II molecule of interest; (b) determining the resulting score of all amino acids of the subsequence, based on the binding value of each amino acids obtained in step (1); and (c) comparing the resulting score to a preselected value. Also described: (1) a vaccine comprising the isolated amyloid beta peptide and a carrier

or diluent; (2) determining T-cell epitopes within amyloid beta peptide; (3) predicting the reaction of an individual to a vaccine; (4) matching a vaccine comprising a beta amyloid or homologue peptide to an individual, for immunisation of an individual based on the HLA haplotype of the individual; (5) a kit for matching a vaccine comprising amyloid beta peptide to an individual based on the HLA haplotype of the individual; and (6) preventing the formation or progression of amyloid beta mayloid beta peptide is useful for preparing a composition for preventing the formation or progression of amyloid plaques for preventing or treating Alzheimer's disease. The present sequence represents an amyloid beta (Abeta) peptide, which is used in an example from the present invention \$

Sequence 9 AA;

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                     Gaps
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Length 9;
                     Indels
100.0%; Score 30; DB 8; L
100.0%; Pred. No. 1.8e+06;
cive 0; Mismatches 0;
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6; Conserva
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Matches
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Gaps

ADP44609 standard; peptide; 9 AA. (first entry) 12-AUG-2004 ADP44609; RESULT 48 ADP44609

Radioisotope technetium-related peptide 2.

radioisotope technetium; Tc complex; aza-diaminedioxime ligand; radiopharmaceutical; thrombus diagnostic imaging.

Unidentified

'note= "OTHER = Attached to CO(CH2)2CO2- group" /note= "C-terminal amide" Location/Qualifiers label= OTHER Misc-difference 9 Key Modified-site

WO2004037297-A1

06-MAY-2004

24-OCT-2003; 2003WO-GB004573.

25-OCT-2002; 2002GB-00024799

(AMSH) AMERSHAM PLC.

Barnett DJ, Wadsworth HJ, Lewis JS; Brauers G, Farrar G,

WPI; 2004-365454/34.

Composition useful in radiopharmaceuticals for diagnostic imaging of thrombi comprises complex of radioisotope technetium with azadiaminedioxime ligand

Disclosure; Page 28; 50pp; English.

The invention relates to a novel composition comprising a complex of radioisotope technetium (Tc) with an aza-diaminedioxime ligand. The composition of the invention may be useful in radiopharmaceuticals for mammalian administration, to be used in diagnostic imaging of thrombi. The composition comprises minimised amounts of lipophilic technetium complex species, thus improving the overall imaging characteristics. The

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wayloid-beta; amyloid-beta related disease;

amyloid-beta fibril formation; immune response; nootropic;

meuroprotective; cerebroprotective; nemenstatic; ophthalmological;

meuroprotective; cerebroprotective; nemenstatic; ophthalmological;

antithyzoid; vasotropic; cardiovascular; tranquilliser; uropathic;

antithyzoid; vasotropic; cardiovascular; muscular; neuroleptic;

antitonvulaant; anti-HIV; antiparkinsonian; muscular; neuroleptic;

andiot-beta fibril formation modulator; immune system modulator;

amyloid-beta fibril formation modulator; immune system modulator;

Alzheimer's disease; mild cognitive impairment; vascular dementia;

andi-to-moderate cognitive impairment; vascular dementia;

cerebral amyloid angiopathy; hereditary cerebral haemorrhage;

senile dementia; Down's syndrome; inclusion body myositis;

senile dementia; demeration; hypothyroidsm,

cerebrovascular disease; cardiovascular disease; memory loss; anxiety;

behavioural dysfunction; neurological condition; psychological condition;
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composition does not form a diastereomeric complex as it does not contain a chiral centre and hence does not require purification of the particular isomers. The current sequence is that of the radioisotope technetium (TC) -related peptide 2 of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that modulates amyloid-beta fibril formation or induces a prophylactic or
                                                                                                                                                                         Gaps
                                                                                                                                                                         ;
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                                                                                                                                      Length 9;
                                                                                                                                  100.0%; Score 30; DB 8; Length 9; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Vaccine antigen amyloid-beta related amino acid sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /note= "D-form residues"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Disclosure; Page 67; 143pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                      ADQ37260 standard; peptide; 9 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                    (first entry)
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                                                                                                                                                                         Conservative
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                                                                                                                            Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                1 OKLVFF 6
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Misc-difference 1
                                                                                                                                                                                                                                                    OKLVFF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WO2004058239-A1
                                                                                               Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                    07-OCT-2004
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Synthetic.
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                                                                                                                                                                                                                                                                                                               RESULT 49
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therapeutic immune response against amyloid-beta fibril formation; or fibril an immune system modulator that prevents or inhibits amyloid-beta fibril in a immune system modulator that prevents or inhibits amyloid-beta fibril conditions. Also described is a kit comprising (C: (C) have notropic, neuroprotective, cardiovascular, tranquilliser, corbital antithyroid, vasotropic, cardiovascular, tranquilliser, curopathic, anticonvulsant, anti-HIV antiparkinsonian, muscular, irranquilliser, neuropathic, antitdepressant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as anyloid-beta related disease e.g. Alzheimer's disease (including sporadic (non-hereditary) or familial (hereditary); mild cognitive impairment, or familial (hereditary); mild cognitive impairment, or function and popathy, hereditary cerbral haemorrhage, senile dementia, own's syndrome, inclusion body myositis, age-related macular degeneration, or continence), a neurological condition (e.g. Huntington's disease, memory loss, anxiety, a behavioural dysfunction (e.g. Huntington's disease, anyloid states, altered muscle tone, seizures, sensory loss, vienal (including hypothyroidism, cerebrovascular disease, cardiovascular disease, apparasion, or incontinence), a neurological condition (e.g. Huntington's disease, appasia, apraxia, agnosia, pick disease, dementia with Lewy bodies, altered muscle tone, seizures, sensory loss, vienal field deficite, incoordination, gat disturbance, transient ischaemic, syncope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural haematcoma, brain tumour, posttramatic brain injury, or posthyyoxic damage), or a psychological condition (e.g. depression, delusions, a sleep disturbance, insommia, behavioural distinhibition, poor insight suicidal myloid-beta deposite. The present sequence represents a peptide that can be used as a vaccine antigen in the exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amyloid-beta; amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
amyloid-beta fibril formation; immune response; nootropic;
amtichyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;
anticonvulsant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
amyloid-beta fibril formation modulator; immune system modulator;
amyloid-beta fibril formation modulator; vascular dementia;
antid-to-moderate cognitive impairment; vascular dementia;
crebral amyloid angiopathy; hereditary cerebral heamorrhage;
senile dementia; Down's syndrome; inclusion body myositis;
senile dementia, cardiovascular disease; cardiovascular disease; memory loss; anxiety;
crebrovascular disease; cardiovascular disease; memory loss; anxiety;
behavioural dysfunction; neurological condition; psychological
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Amyloid-beta polymerisation peptide.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        present invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 9 AA;
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Synthetic

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The present invention describes compositions (C) comprising: (a) a first capture (ia) that prevente or treate amyloid-beta related disease; and (b) capture (ia) that prevente or treate amyloid-beta and (b) conditions and control or individual prevents or inhibits amyloid-beta control or individual control or corropic, neuroprotective, carebroprotective, heamostatic, control or anticonvolant, antichly, antiparkinsonian, muscular, tranquilliser, uropathic, anticonvolant, anticonvolant, anticonvolant, anticonvolant, muscular, tranquilliser, correction, cardiant, anticher and control or preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (including sporadic of and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (including sporadic condition disease). Alzheimer's disease (including sporadic of mucloal and conditions associated with Alzheimer's disease.

CC (non-hereditary) or familial (hereditary), mild cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, cerebral amountage, senile dementia, comparation, or a condition associated with Alzheimer's disease.

CC (non-hereditary) or familian (hereditary) and desease, amony loss, anxiety, a behavioural dysfunction (e.g. apathy, disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, anytochyroiduses), and anytochyroiduse saleted muscle tene, seitzues, sensory loss, vital lateral selerosis, acquired immunodeficiency, succession, disease, apprended solementia, and deficits, incoordination, galt disturbance, translent isomentia, subdiction, and particular disease, and presented muscle tenes, seitzues, sensory loss, visual cience and condition, serve
                                                                                                                                                                                                                                                                                                                                                       Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Disclosure; Page 95; 143pp; English.
                                                                                                         24-DEC-2003; 2003WO-CA002021.
                                                                                                                                                      24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                          (NEUR-) NEUROCHEM INT LID.
                                                                                                                                                                                                                                                                     Gervais F, Bellini F;
                                                                                                                                                                                                                                                                                                                 WPI; 2004-543342/52.
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                  WO2004058239-A1.
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                                                               15-JUL-2004
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0; Gaps Query Match 100.0%; Score 30; DB 8; Length 9; Best Local Similarity 100.0%; Pred. No. 1.8e+06; Matches 6; Conservative 0; Mismatches 0; Indels

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Antifibri Rice 26kD Mouse ind Human nNO Mouse ind Human nNO Human sec Rice prot Brice prot Brice prot Brosophil Novel hum Human hea Marker ge Marker ge Marker ge Antipsori Human nPe Marker ge Antipsori Human NF-FRO polyp Human RIG Inducible Mouse ind Inducible Inducible Inducible Inducible Mouse inducible Inducibl Marker ge Marker ge Drosophil Beta-amyl Beta-amyl Antifibri Antifibri All-D pep Long form Beta amyl Amyloid t Amyloid-b Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease. Add37321 A Add37329 A Add03761 W Add009761 W Add17020 W Add17020 W Add00992 W Add00992 A Add00992 A Add00992 A Add00992 A Add175492 W Add175493 W Add175493 W Add175492 W Add175493 W Add175493 W Add175493 W Add175493 W Add176493 W Add17649 W Add176 ALIGNMENTS "C-terminal amide" AD037321 AD037321 AD037323 AD037323 AD037329 AD037329 AD0262840 AAM83792 AD079225 AD076235 AD776235 AD776235 AD776225 AD776222 AD77622 AD776222 AD77622 AD776222 AD77622 AD Location/Qualifiers AAB48483 standard; peptide; 6 AA Antifibrillogenic peptide #10. 04-MAY-2000; 2000WO-CA000515 99US-0132592P 02-MAR-2001 (first entry) /notge/ WO200068263-A2.\ Key Modified-site 05-MAY-1999; Homo sapiens 16-NOV-2000. AAB48483; RESULT 1 All-D pep All-D pep Amyloid t Amyloid t Peptide # Peptide # Abeta pep Vaccine a Novel hum Antifibri Antifibri All-D pep Anyloid t Peptide # Peptide # Abeta pep Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. March 9, 2005, 06:11:36 ; Search time 63.9452 Seconds (without alignments) 36.290 Million cell updates/sec Aab48474 Aab82623 Aab82623 Aab82623 Aab826819 Aab826819 Aaa11648 Aaa33438 Aad37270 Aad37270 Aab82639 Aab82630 Aab8200 Aab82 GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. Total number of hits satisfying chosen parameters: 2105692 seqs, 386760381 residues Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries - protein search, using sw model AAB48474
AAB82623
AAB82623
AAU96819
AAU1668
AAU11657
AAU11657
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AAB82630 BLOSUM62 Gapop 10.0 , Gapext 0.5 geneseqp2000s:* geneseqp2001s:* geneseqp2002s:* geneseqp2003as:* geneseqp2003bs:* A_Geneseq_16Dec04:* .: geneseqp1980s:* :: geneseqp1990s:* Minimum DB seq length: 0 Maximum DB seq length: 200000000 DB US-10-009-122-1 Length 1 KIVFFA 6 Query Match 1 Scoring table: \$\times \times \ Title: Perfect score:

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Kong X,
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28-NOV-2000; 2000US-00724842.
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                                                                                                Conservative
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                                                             Query Match
Best Local Similarity
                                                                                                                              1 KIVFFA 6
                                                                                                                                                                                                                                                                                                                                                                                        therapy; antigen.
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                                 Sequence 6 AA;
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protein
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                                                                                                                                                                                                      for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB46474-148496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-1848496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                             Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
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                                   Gupta A;
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                                 Chalifour R, Gervais F,
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 (NEUR-) NEUROCHEM INC
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                                                               WPI; 2001-031852/04.
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KIVFFA 6
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The present sequence is that of an all-D peptide suitable for use for preparing vaccines for preventing or treating Alzheimer's disease and other amyloid-beta peptide (see AABS622), and may be modified by removing or inserting 1 or more amino acid residues, or by substituting 1 or more amino acid residues or non-amino acid residues or non-amino acid fragments. Vaccines of the invention are produced using 'non-self' peptides synthesised from the unnatural D-configuration amino acids to avoid the drawbacks of 'self' proteins. The all-D peptides need not be aggregated to be operative or immunogenic. They preferably interact with at least 1 region of an amyloid protein, e.g. the beta-sheet region or GAG-binding site region, the amyloid-beta peptide, or their immunogenic fragments, protein conjugates, immunogenic derivative peptides and immunogenic peptidemimetics. Examples include all-D peptides and immunogenic peptidemimetics. Examples include all-D peptides and immunogenic peptidemimetics. Examples include all-D peptides of in ABBS2613-64. The vaccine elicits a preferential TH-2 or TH-1 response, preventing fibrillogenesis and associated cellular toxicity. The amyloid related diseases may be localised amyloidosis, e.g. diabetes type II,
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                                                                                                 Gaps
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100.0%; Score 29; DB 4; I
100.0%; Pred. No. 1.8e+06;
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/note= "all D-form residues"
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neurodegenerative diseases, e.g. bovine spongiform encephalitis, Creuzzfeldt-Jakob disease, scrapie, cerebral amyloid angiopathy, and prion protein related disorders, or systemic amyloidosis associated with chronic infection (e.g. tuberculosis) or chronic inflammation (e.g. rheumatoid arthritis), familial Mediterranean fever (FMF) and systemic amyloidosis found in long-term haemodialysis patients
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28-NOV-2000; 2000US-00724842.
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KIVFFA 6
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                 immunogenic peptidomimetries. Examples include all-D peptides corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-21 and 16-42 of the amyloid-betra peptide and the all-D derivative peptides given in AABB2623-64. The vaccine elicits a preferential TH-2 or TH-1 response preventing fibrillogenesis and associated cellular toxicity. The amyloid related diseases may be localised amyloidodsis, e.g. diabetes type II, neurodegenerative diseases, e.g. bovine spongiform encephalitis, Creutzfeld-Jakob disease, scrapie, cerebral amyloid angiopathy, and prion protein related disorders, or systemic amyloidoals associated with chronic infection (e.g. tuberculosis) or chronic infection (e.g. tuberculosis) or chronic infection (e.g. tuberculosis) familial Mediterranean fever (FMF) and systemic
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immunogenic derivative peptides and
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/note= "Preferably D-form residue"
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24-JUL-2001; 2001US-00915092.
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cc amyloid targeting moiety, a linker moiety and a labelling moiety. The agent is of general formula A.t.(A.in.k) z-A.ia_b (1) where z = 0 - 1; CC = a labelling moiety. All n.k = a linker moiety; and A.l.a.b (CC = a labelling moiety. Also included are imaging amyloid deposition or diagnosing an amyloid-related condition in a patient involving administering (I) to the patient, and ultrasound imaging (I) in the comprision of a myloid-related condition in a patient to determine the presence of amyloid or amyloid-related condition; and a kit for preparing a radiopharmaceutical preparation comprising (I), a reducing agent, a buffering agent, at transcholating agent, and (I), a reducing agent, and preparation and use of the radiopharmaceutical in the imaging of amyloid or an amyloid-related condition. The agents are used for imaging amyloid deposition and for diagnosing an amyloid related condition e.g. Creutzfeldt-Jakob disease (GDD), kuru, transmissible condition e.g. Creutzfeldt-Jakob disease (GDD), kuru, transmissible condition e.g. Creutzfeldt-Jakob disease (GDD), kuru, transmissible corphalopathy (BSE), inflammation-associated amyloid-related corphalopathy (BSE), inflammation-associated amyloid-type II diabetes, primary amyloidosis, Alzheimer's disease, prion-mediated diseases, cerebral amyloidosis, Alzheimer's disease, prion-mediated diseases, cerebral corphaphy dispathy. The agents are capable of crossing the blood-brain corpusation of the invention peptide forming the amyloid targeting moiety of the present sequence is a peptide forming the amyloid targeting moiety of the greent effects.
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/note= "Preferably D-form residue"
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100.0%; Pred. No. 1.8e+06;
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24-JUL-2001; 2001US-00915092.
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Matches 6; Conservative
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The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The agent is of general formula A.t.(A.l.n.K) z-A.l.a.b. [1] where z = 0 - 1; an amyloid targeting molety; Alon included are limper moiety; and A.l.a.b. a labelling moiety. Also included are limper moiety; and A.l.a.b. a labelling moiety. Also included are limper moiety; and A.l.a.b. a labelling moiety. Also included are limper moiety; and A.l.a.b. a labelling moiety. Also included are limper moiety; and A.l.a.b. a labelling moiety. Also included are limpering amyloid-related condition or administering (I) to the patient, and ultrasound imaging (I) in the patient to determine the presence of amyloid or amyloid-related condition. The agents and a kit for preparation and use of the radiopharmaceutical in instructions for the preparation and use of the radiopharmaceutical in the instructions for the preparation and use of the radiopharmaceutical in the instruction of amyloid deposition and for diagnosing an amyloid related condition. The agents are condition e.g. Creutzfeldt-Jakob disease (CDD), kuru, transmissible correptal amyloidoses (transmissible virus demantias), familial CDD, cerebral amyloidoses (transmissible virus demantias), familial CDD, primity amyloidosis, light chain-related amyloidosis, Alzheimer's disease, prion-mediated diseases, cerebral amyloidosis, Alzheimer's disease, prion-mediated diseases, myloid angiopathy. The agents are capable of binding specifically to amyloid plaques. The present sequence is a peptide forming the amyloid targeting moiety of the present sequence is a peptide forming the amyloid targeting moiety of the present equence is
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                             New amyloid-targeting imaging agents useful for in vivo imaging amyloid plaques and/or for the treatment of amyloidosis disorders.
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100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
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                                                                                                Claim 49; Page 21; 57pp; English.
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WPI; 2002-371447/40.
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Best Local Similarity
Matches 6; Conserv
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Modified-site
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WPI; 2003-201269/19.
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Best Local Similarity
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                                                                                                                                                   The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-betad of inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid haemorrhage with mayloidosis of the Dutch type and haemorrhage stroke. The present sequence represents one of a group of peptides (AAU11648-AAU11669, AAU11910 & AAU11911) that were used in the invention as a carrier for the amyloid-betad (Abetado) inhibitor. The Abetado inhibitor cerebral amyloid angiopathy (CAA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall call with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
                                                           Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Peptide #1, used as a carrier for the amyloid-beta40 (Abeta40) inhibitor.
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                                                                                                                         Disclosure; Page 10; 68pp; English
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Gervais F;
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                               WPI; 2002-075222/10
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Best Local Similarity
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Green AM,
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angiopathy, particularly Alzheimer's disease, hereditary cerebral hamozrhagic as troke. The amorathage with amyloidosis of the Dutch type and haemozrhagic stroke. The present sequence represents one of a group of peptides (AAU11648-AAU11669, AAU11910 & AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by cerebral amyloid angiopathy (CAA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
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use of all-D-amyloid-beta peptides.
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The invention relates to a method for prevention and/or treatment of an amyloid-related disease which comprises administration of an all-D-amyloid-beta peptide. The method is used for preventing and/or treating Alzheimer's and other amyloid related disease e.g. Cerebral amyloid angiopathy; for altering serum levels of amyloid-beta in a mammal and favours the clearance of soluble amyloid-beta or fibril amyloid-beta from the mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including
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arthritis, ankylosing spondylitis, psoriasis, psoriatic arthropathy, Reiter's syndrome, Adult Still's disease, Bechet's syndrome and Crohn's disease. AA deposits are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus ulcers, chronic pyelonephritis, osteomyelitis and Whipple's disease). Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinoma, carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Prevention and/or treatment of an amyloid-related disease e.g.
Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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                                                                                                                                                                                                                                                            100.0%; Score 29; DB 6; Length 6; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
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/note= "D-form residues"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAE35438 standard; peptide; 6 AA
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                                                                                                                                                                                                                                                                                                     6; Conservative
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                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 6; Conserv
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KIVFFA 6
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                                                                                                                                                                                                                            Sequence 6 AA;
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                                                                                                                                                                                       nvention
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AAE35438
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inflammatory diseases e.g. rheumatoid arthritis, juvenile chronic arthritis, ankylosing spondylitis, psoriasis, psoriatic arthropathy, Reiter's syndrome, Adult Still's disease, Bechet's syndrome and Crohn's disease. At depositis are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus ulcers, chronic pyelonephritis, osteomyelitis and Whipple's disease). Certein malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinoma, carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
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amyloid-beta fibril formation; immune response; nootropic;
anteroprotective; haemostatic; ophthalmological;
antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; anti-Hu; antiparkinsonian; muscular; neuroleptic;
cardiant; antidepressant; endocrine; hypontic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer's disease; mild cognitive impairment;
mild-to-moderate cognitive impairment; vascular dementia;
mild-to-moderate cognitive impairment; vascular dementia;
senile dementia; bown's syndrome; inclusion body myositis;
age_related macular degeneration; hypothyroidism;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 29; DB 6; Length 6; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
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23-JUN-2003; 2003US-0482214P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6 AA;
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                                                                                                                                                                                                                                                                                                                                                                                              invention
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                                     8 \times 9 
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conditions the present invention describes compositions (1) comprising: (a) a first a second agent (a2) that is: (i) a poptide or peptidomimetic that a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (i) a specifie or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation, or (ii) an immune system modulator that prevents or inhibits amyloid-beta fibril formation. Also described is a kit comprising (C). (C) have noticipled; anticonvulsant, antichrosoft anticonvulsant, antichrosoft cardiovascular, tranquilliser, uropathic, anticonvulsant, antichrosoft anticonvulsant, antichrosoft cardiovascular, tranquilliser, uropathic, anticonvulsant, antichrosoft cardiovascular, antichrosoft associated with hyperic and hyporofic activities, and can be used as amyloid-beta fibril formation modulators, and can be used for preventing or treating an amyloid-beta related disease e.g. Alzeiner's disease (including sporadic (including hypothyroidism, creebral haemorrhage, senile dementia, amyloid-beta related disease e.g. Alzeiner's disease (including hypothyroidism, creebrouscular disease, cardiovascular degeneration, or a condition associated with Alzeiner's disease.

CC disturbance, inclusion body myositis, age-related macular degeneration, or a condition associated with Alzeiner's disease.

CC disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, agression, or incontinence), a neurological condition (e.g. with lewy bodies, altered muscle tone, seizures, seriures, sensory loss, visual with Lewy bodies, altered muscle tone, seizures, sensory loss, wisual with Lewy bodies, altered muscle tone, seizures, sensory loss, and turner, postrandunatic brain injury, or postribation, altered muscle condition, depressed mood, irritability, normal pressure hydrocephalus, social without depressed mood, irritability, morphication, depressed mood, irritability, and presentling amyloidpresent invention describes compositions (C) comprising: (a) a first in the exemplification of the present invention. Disclosure, Page 69; 143pp, English.

Sequence 6 AA;

Gaps . 100.0%; Score 29; DB 8; Length 6; Similarity 100.0%; Pred. No. 1.8e+06; 6; Conservative 0; Mismatches 0; Indels 0; Indels Query Match Best Local Similarity Matches 6; Conserv ઠે

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1 KIVFFA 6 |||||| 1 KIVFFA 6

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ADQ37270 standard; peptide; 6 AA. ADQ37270; RESULT 12

(first entry) 07-OCT-2004

Vaccine antigen amyloid-beta related amino acid sequence.

amyloid-beta; amyloid-beta related disease; anotropic; amyloid-beta fibril formation; immune response; nootropic; neuroprotective; cereproprotective; haemostatic; ophthalmological; antitchyroid; vasotropic; cardiovascular; tranquilliser; uropathic; anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic; cardiant; antideptessant; endocrine; hypnotic; antideptessant; endocrine; hypnotic; cardial-beta fibril formation modulator; immune system modulator; Altheimer's disease; mild cognitive impairment; mild-to-moderate cognitive impairment; vascular dementia; cerebral amyloid angiopathy; hereditary cerebral haemorrhage;

senile dementia; Down's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism; ecebrovascular disease; cardiovascular disease; memory loss; anxiety; behavioural dysfunction; neurological condition; psychological condition; vaccine antigen.

Synthetic.

1. .6 /note= "D-form residues" Location/Qualifiers Misc-difference 1

/note= "amidated" Modified-site

WO2004058239-A1

15-JUL-2004.

24-DEC-2003; 2003WO-CA002021

24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P

(NEUR-) NEUROCHEM INT LTD.

Gervais F, Bellini F; WPI; 2004-543342/52. Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.

Disclosure; Page 67; 143pp; English.

compositions (1) that prevents or treats amyloid-beta related disease, and (b) a gent (al) that prevents or treats amyloid-beta related disease, and (b) a gent (al) that prevents or interest amyloid-beta related disease, and (b) and assent as second agent (al) that is: (i) a peptide or peptidomiment that chemotation or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation; or therapeutic immune response against amyloid-beta fibril formation. Also described is a ktt comprising (C): (C) have noctropic, neuroprofective, crebroprofective, hasonstatic. (C) have noctropic, anticonvulsant, antidepressant, endocrine and hypnoric activities, and can be used as amyloid-beta fibril formation modulators, and as compthalmological, antidepressant, endocrine and hypnoric activities, and can be used as amyloid-beta fibril formation modulators, and as immunosial formation, and associated with Alzeimer's disease.

Complex syndromy loss, anxiety, a behavioural dysfunction (e.g. Huntington's agression, or incontinence), a neurological condition (e.g. Huntington's disease, amportanty loss, anxiety, a behavioural dysfunction (e.g. Huntington's disease, any ortrophic lateral sclerosis, acquired immunodeficit, frequent falls, attack or stroke, transient appression, agnosia, attention deficit, frequent falls, antide with Lewy bodies, alterad maucle tone, seizures, sensory loss, visual catack or stroke, transient appraxia, agnosia, attention deficit, frequent falls, and any deficite incompany neurological condition (e.g. depression, delusions, and sensor disease, amportope, neurological condition (e.g. depression, delusion), expendination, gall disturbance, reassion, behavioural disinhibition, poor insight, suicidal hamandan present invention describes compositions (C) comprising: (a) a first

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                                                                                                                                                                                                                                                                                                     amyloid-beta; amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
amyloid-beta fibril formation; immune response; nootropic;
antichyroid; cerbroprotective; haemostatic; ophthalmological;
antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer's disease; mild cognitive impairment;
Alzheimer's disease; mild cognitive impairment; vascular dementia;
andld-co-moderate cognitive impairment; vascular dementia;
encebral amyloid angiopathy; hereditary cerebral haemorrhage;
senile dementia; Down's syndrome; inclusion body myositis;
cerebrovascular deseneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
behavioural dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                    Gaps
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                                        Length 6;
                                                                    0; Indels
                                                                                                                                                                                                                                                                            Antifibrillogenic amyloidosis inhibiting peptide.
                                        100.0%; Score 29; DB 8; L
100.0%; Pred. No. 1.8e+06;
tive 0; Mismatches 0;
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                                                                                                                                                                                                ADQ37313 standard; peptide; 6 AA.
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                                          Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Bellini F;
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1 KIVFFA 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           vaccine antigen
                  Sequence 6 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Synthetic.
                                                                                                                                                                                                                            ADQ37313;
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immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, comild-to-moderate cognitive impairment, amyloid angiopathy, hereditary cerebral haemorrhage, sentile dementia, camyloid angiopathy, hereditary cerebral haemorrhage, sentile dementia, or amyloid angiopathy, nereditary cerebral haemorrhage, sentile dementia, bown's syndrome, inclusion body myositis, age-related macular disease, nemory loss, anxiety, a behavioural disease, cardiovascular disease, cardiovascular disease, amyortophic lateral sclerosis, acquired immunodeficiency, agression, or incontinence), a neurological condition (e.g. Huntington's parkinson's disease, aphasia, apraxia, agnosia, Pick disease, dementia parkinson's disease, aphasia, apraxia, agnosia, Pick disease, visual critical sclerosis, acquired immunodeficiency, parkinson's disease, aphasia, apraxia, agnosia, Pick disease, visual critical deficits, incoordination, gait disturbance, transient ischaemic attack or stroke, transient alertness, attention deficit, frequent falls, syncope, neuroloptic sensitivity, normal pressure hydrocephalus, subdural catack or atroke, transient alertness, attention deficit, frequent falls, syncope, neuroloptic sensitivity, normal pressure hydrocephalus, undurance, catack, bean though to postthypoxic catack, bean though the paresed mood, irritability, anhedonia, social withdrawal, or excessive guilt)) in a subject e.g. human having a genomic mutation in an ideation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt)) in a subject e.g. human having a genomic mutation in an amyloid-beta deposite. The present sequence represents a peptide that can be used as an antifibrillogenic amyloidosis inhibiting peptide con the present invention.
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W amyloid-beta fibril formation; immune reaponse; nootropic;

W amyloid-beta fibril formation; immune reaponse; nootropic;

KW neuroprotective; cerebroprotective; haemostatic; opthralmological;

KW antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

KW anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;

KW anticonvulsant; endocrine; hypnotic;

KW anyloid-beta fibril formation modulator; immune system modulator;

KW Alzheimer's disease; mild cognitive impairment;

KW mild-to-moderate cognitive impairment; vascular dementia;

KW mild-to-moderate cognitive impairment; verebral haemorrhage;

KW senile dementia; Down's syndrome; inclusion body myositis;

RW age-related macular degeneration; hypothyroidism;

KW carebrovascular disease; cardiovascular disease; memory loss; anxiety;

KW vaccine antigen.
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100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches

    .6
/note= "D-form residues"

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Matches 6: Conserv
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1 KIVFFA 6
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us-10-009-122-1.rag

(first entry)

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18-FEB-2002
The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that medulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune system modulator that prevents or inhibite amyloid-beta (ibril formation; or (ii) an immune system modulator that prevents or inhibites amyloid-beta (ibril formation; Also described is a kit comprising (C). (C) have notropic, neuroprotective, cerebroprotective, haemostatic, ophthalmological, antithyroid, vasotropic, cardiovascular, ranquilliser, uropathic, anticonvulsant, antidepressant, endocrine and hyportic activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (including sporadic (non-bereditary) or familial (hereditary), mild cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, cerebral amyloid amyloid amyloid suppathy, hereditary cerebral hemorrhage, senile dementia, degeneration, or a condition abody myositis, age-related macular cognitive impairment, and disease, memory loss, anxiety, a behavioural dysfunction (e.g. Huntington's disease, memory loss, anxiety, a behavioural dysfunction (e.g. Huntington's disease, amyotrophic lateral sclerosis, acquired immunodeficiency, a prexis, apraxia, agnosia, pick disease, dementia with Lewy bodies, anxiety, a neurological condition (e.g. Huntington's subdural catack or stroke, transient alertness, attention deficit, frequent falls, syncope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural chaematoma, brain tumour, postrandar brain injury, or postraposic, allandar in acyal injury, or postraposic, allandar injuration as any allandar and any allandar any allandar and any allandar and any allandar and any allandar and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      damage), or a psychological condition (e.g. depression, delusions, damage), or a psychological condition (e.g. depression, delusions, a sleep disturbance, insomnia, behavioural disonthabition, poor insight, asicidal ideation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt)) in a subject e.g. human having a genomic mutation in an amploid precursor protein gene, an ApoE gene, or a presentin gene, an having amyloid-beta deposits. The present sequence represents a peptide that can be used as a vaccine antigen in the exemplification of the
                                                                                                                                                                                                                                                                                                                                    Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Disclosure; Page 67; 143pp; English.
                                                                              24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P.
                        24-DEC-2003; 2003WO-CA002021
                                                                                                                                                                  (NEUR-) NEUROCHEM INT LTD.
                                                                                                                                                                                                                                                                              WPI; 2004-543342/52.
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                      100.0%; Score 29; DB 8; Length 6; 100.0%; Pred. No. 1.8e+06;
                                              0; Indels
                                              0; Mismatches
                                                6; Conservative
                    Query Match
Best Local Similarity
                                                                       1 KIVFFA
                                                                                                KIVFFA
Sequence 6 AA;
                                                Matches
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ABG26598 standard; protein; 99 AA ABG26598; ABG26598

RESULT 15

셤 8

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The invention relates to isolated polymucleotide (I) and polypeptide (II) sequences. (I) is useful as hybridisation probes, polymerase chain creaction (PCR) primers, oligomers, and for chromosome and gene mapping, and in recombinant production of (II). The polymucleotides are also used in diagnostics as expressed sequence tags for identifying expressed considerably techniques to reserve normal cativity of (II) or to treat disease states involving (II). (II) is cuseful for generating antibodies against it, detecting or quantitating a cupplement. (II) and its binded and as a food cupplypeptide in tissue, as molecular weight markers and as a food cupplypeptide and polymucleotide sequences have applications in diagnostics, forensics, gene mapping, identification of mutations of supplements. (I) and (II) are useful for treating disorders convolved to polypeptide and polymucleotide sequences and products dependent on DNA and and to produce other types of data and products dependent on DNA and amino acid sequences of the invention. Note: The sequence data for this patent did not appear in the printed specification, but was obtained in celetronic format directly from WIPO at the polyperion of the printed specification, but was obtained in celetronic format directly from WIPO at
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                                                               Human, chromosome mapping; gene mapping; gene therapy; forensic;
food supplement; medical imaging; diagnostic; genetic disorder.
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Novel human diagnostic protein #26589.
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                                                                                                                                                                                                                                                                                                                                                                                                                   31-MAR-2000; 2000US-00540217.
23-AUG-2000; 2000US-00649167.
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es 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (HYSE-) HYSEQ INC
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                                                                                                                                                               Homo sapiens.
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preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and associated cellular toxicity.
                                                                                                                                                                                                                             peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                                                                      Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
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Pred. No. 1.8e+06;
1; Mismatches 0; Indels
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/note= "all D-form residues"
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                                                                            Gupta A;
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                                                                                                                                                                                                              Claim 7; Page 25; 46pp; English.
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28-NOV-2000; 2000US-00724842.
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                                                                                                                                                                                                                                                                                                                                                                                                            96.68;
            99US-0132592P
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                                             (NEUR-) NEUROCHEM INC
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Best Local Similarity
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            05-MAY-1999;
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                                                                            Chalifour R,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
                                             Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
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Pred. No. 1.8e+06;
1; Mismatches 0;
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illarity 83.3%;
Conservative 1
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                      Antifibrillogenic peptide #9.
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                                                                                                                                                                                                                                                                                       (NEUR-) NEUROCHEM INC
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Matches 5; Conser
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Modified-site
                                                                                                                                                       WO200068263-A2
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                                                                                                                          Homo sapiens.
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Query Match

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WPI; 2001-441458/47.
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                                           preparation systems for preventing or treating Alzhaimer's disease and other amyloid related disorders in humans. It is based on a portion of amyloid related disorders in humans. It is based on a portion of amyloid related disorders in humans. It is based on a portion of inserting 1 or more amino acid residues, or by substituting 1 or more amino acid residues or non-amino acid fragments. Vaccines of the invention acid residues or non-amino acid fragments. Vaccines of the invention acid residues or non-amino acid fragments. Vaccines of the invention acid residues or non-amino acid fragments. Vaccines of the invention acid residues or non-amino acid fragments. Vaccines of the invention acid residues or non-amino acid fragments are produced using 'non-aelf' of avoid the drawbacks of 'self' proteins. They preferably interact with at least 1 region of an amyloid protein. G. the beta-sheet region or GAG-binding alte region, the amyloid-beta peptide or their immunogenic fragments, protein conjugates, immunogenic derivative peptides and immunogenic peptidemimetics. Examples include all-D peptides and immunogenic peptidemimetics. Examples include all-D peptides and in AABB3C13-64. The vaccine elicits a preferential TH-2 or TH-1 response, in AABB3C2-64. The vaccine elicits a preferential TH-2 or TH-1 response, in AABB3C2-64. The vaccine elicits a preferential TH-2 or TH-1 response, or elated diseases may be localised amyloidosis, e.g. diabetes type II, neurodegenerative diseases, scrapie, cerebral amyloid angiopathy, and prion protein related disorders, or systemic amyloidosis associated with chronic infection (e.g. tuberculosis) or chronic infammation (e.g. tuberculosis) or chronic infammation (e.g. tuberculosis) or thronic infection derivative between the angelosis associated with the angles and application and the all-2 and and application and systemic and systemic
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                                  present sequence is that of an all-D peptide suitable for use for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 28; DB 4; Length 6;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                         amyloidosis found in long-term haemodialysis patients
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                All-D peptide used in Alzheimer's disease vaccine.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           . .6
note= "all D-form residues"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note= "C-terminal amide"
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Disclosure, Page 11; 31pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Kong X,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAB82638 standard; peptide; 6 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   29-NOV-1999; 99US-0168594P.
28-NOV-2000; 2000US-00724842.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              96.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 KIVFFA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               KWFFA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       therapy; antigen.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Key
Misc-difference
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6 AA;
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The preparing vaccines for preventing or treating Alzheimer's disease and other amyloid related disorders in humans. It is based on a portion of amyloid-beta peptide (see AABB2622), and may be modified by removing or inserting 1 or more amino acid residues, or by substituting 1 or more amino acid residues, or by substituting 1 or more fragments. Vaccines of the invention are produced using 'non-self' crayments. Vaccines of the invention are produced using on anion acid cavoid the drawbacks of 'self' proteins. The all-D peptides need not be aggregated to be operative or immunogenic. They preferably interact with a fragments, protein conjugates, immunogenic. They preferably interact with a care least 1 region of an amyloid protein, e.g. the beter select region or GAG-binding site region, the amyloid-beta peptide, or their immunogenic fragments, protein conjugates, immunogenic derivative peptides and corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-21 and corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-21 and a AABB2623-64. The vaccine elicits a preferential Thi-2 or TH-1 response, in AABB2623-64. The vaccine elicits a preferential toxicity. The amyloid crafted diseases may be localised and the all-D derivative peptides given in AABB2621-64. The vaccine elicits a preferential toxicity. The amyloid crelated diseases, e.g. bowine spongiform encephalitis, cleared diseases, e.g. bowine spongiform encephalitis, crelated diseases, e.g. bowine spongiform encephalitis, chucin infection (e.g. tuberculosis) or chronic inflammation (e.g. tuberculosis) or chronic inflammation (e.g. tuberculosis) or chronic infection are thermatical arthritis) and systemic and the and a second and a secon
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Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and associated cellular toxicity.
                                                                                                                                                                                                                                                    sequence is that of an all-D peptide suitable for use in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gape
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amyloidosis found in long-term haemodialysis patients
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /note= "Preferably D-form residue"
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Pred. No. 1.8e+06;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Location/Qualifiers
                                                                                                                                                                                  Disclosure; Page 11; 31pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAU96818 standard; peptide; 6 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               96.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Amyloid; imaging
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  KIVFFA
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1 KWVFFA
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Peptide #17, used as carrier for the amyloid-beta40 (Abeta40) inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                           New amyloid-targeting imaging agents useful for in vivo imaging amyloid plaques and/or for the treatment of amyloidosis disorders.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 6;
                                                                    /note= "Preferably D-form residue"
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Pred. No. 1.8e+06;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                  Kong X, Chalifour R, Migneault D;
                                                                                                               /note= "Ala is amidated"
                                    Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 49; Page 21; 57pp; English.
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24-JUL-2001; 2001US-00915092.
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Best Local Similarity 83...
5, Conservative
                                                                                                                                                                                                                                                                                                                                (NEUR-) NEUROCHEM INC
                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2002-371447/40.
                                                      Misc-difference 1
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                                                                                                                                                     WO200207781-A2
                                                                                               Modified-site
                                                                                                                                                                                            31-JAN-2002
                                                                                                                                                                                                                                                                                                                                                                    Gervais F,
  Synthetic.
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BXAXAXB
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                                                                                                                                                                                                                                                                                                                                        The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The agent is of general formula A.t. (A.l.n.k) z.A.l.a.b. [1] where z = 0 - 1; A.t. = an amyloid targeting moiety. A.l.n.k = a linker moiety; and A.l.a.b. [2.A.t. = an amyloid targeting moiety. A.l.n.k = a linker moiety; and A.l.a.b. [2.A.t. = an amyloid related condition in a patient involving administering (1) to the patient, and ultrasound imaging (1) in the patient to determine the presence of amyloid or amyloid related condition or a and a kit for preparation and ultrasound imaging (1) in the condition for the imaging agent, a buffering agent, a transchelating agent, and instructions for the preparation and use of the radiopharmaceutical in the inacting of amyloid deposition amyloid-related condition. The agents are used for imaging amyloid deposition and for disquosing an amyloid related condition e.g. Creutzfeldt-Jaxob disease (CUD), kuru, transmissible created condition e.g. Creutzfeldt-Jaxob disease (CUD), kuru, transmissible created to primary amyloidosis, felline spongiform encephalopathy (BSB), inflammation associated amyloidosis, felline spongiform encephalopathy, ton-transmissible created amyloidosis, felline spongiform encephalopathy, ton-transmissible created amyloidosis, light chain-related amyloidosis, light chain-related amyloidosis, amyloid angiopathy. The agents are capable of crossing the blood-brain charrier and are capable of binding specifically to amyloid plaques. The greent sequence is a peptide forming the amyloid targeting moiety of the present sequence is a peptide forming the amyloid targeting moiety of the constitution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                     New amyloid-targeting imaging agents useful for in vivo imaging amyloid plaques and/or for the treatment of amyloidosis disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Amyloid, imaging agent, Creutzfeldt-Jakob disease, Kuru, CJD, transmissible cerebral amyloidosis; transmissible virus dementia; seraple, transmissible mink encephalopathy; BSE, type II diabetes; bovine spongiform encephalopathy; inflammation associated amyloid; primary amyloidosis; feline spongiform encephalopathy; afflammation associated amyloid; primary amyloidosis; feline spongiform encephalopathy; disease; blood-brain barrier; disalysis-related amyloidosis; light chain-related amyloidosis;
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96.6%; Score 28; DB 5; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.8e+06;
Matches 5; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                            Migneault D;
                                                                                                                                                                            Chalifour R,
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                                                                                                                                                                                                                                                                                                                Claim 49; Page 21; 57pp; English
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                                        25-JUL-2001; 2001WO-CA001071.
                                                                               25-JUL-2000; 2000US-0220808P.
                                                                                                 24-JUL-2001; 2001US-00915092
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                                                                                                                                     (NEUR-) NEUROCHEM INC.
                                                                                                                                                                            Gervais F, Kong X,
                                                                                                                                                                                                                  WPI; 2002-371447/40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 KIVFFA 6
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1 KWVFFA 6
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    31-JAN-2002
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AAE35452;
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AAE35452
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                                                                                                                                                                                                                                                                                                                                The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid haemorrhage of the modern type and haemorrhagic estroke. The present sequence represents of the Dutch type and haemorrhagic estroke. The present sequence represents one of a group of peptides (AAVI1648-AAVI1669, AAVI1910 & AAVI1911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by cerebral amyloid anglopathy (CAA)
                                                                                                                                                                                                                                                                   Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
        Amyloid-beta40 inhibitor, Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Peptide #9, used as a carrier for the amyloid-beta40 (Abeta40) inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 28; DB 5; Length 6;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                           /note= "C-terminal amide"
                                                                        Location/Qualifiers
                                                                                                                                                                                                                                                                                                               Disclosure, Page 10; 68pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAU11656 standard; peptide; 6 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     96.6%;
                                                                                                                                                          22-DEC-2000; 2000WO-IB002078
                                                                                                                                                                                99US-0171877P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                      (NEUR-) NEUROCHEM INC
                                                                                                                                                                                                                          Gervais F;
                                                                                                                                                                                                                                               WPI; 2002-075222/10.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 KIVFFA 6
                                                                                                                 WO200185093-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WO200185093-A2
                                                                       Key
Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6 AA;
                                                                                                                                                                                23-DEC-1999;
                                                                                                                                      15-NOV-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15-NOV-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Synthetic.
                                                   Synthetic
                                                                                                                                                                                                                           Green AM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAU1165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid angiopathy, particularly Alzheimer's disease, hereditary cerebral haemorrhage with amyloidesis of the Dutch type and haemorrhagic stroke. The present sequence represents one of a group of peptides (AAU11618 AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by
                                                                                                                                                                                                                                                                                                            Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyslonephritis; osteomyalitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchisectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 28; DB 5; Length 6;
Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note= "C-terminal amide"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                             Disclosure; Page 10; 68pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAE35452 standard; peptide; 6 AA.
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22-DEC-2000; 2000WO-IB002078
                                                           99US-0171877P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      96.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17-JUN-2003 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5; Conservative
                                                                                                                      (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                     Green AM, Gervais F;
                                                                                                                                                                                                                                                 WPI; 2002-075222/10.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 KIVFFA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Abeta peptide #23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 KWFFA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WO200296937-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6 AA;
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                                                           23-DEC-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                05-DEC-2002
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/note= "D-form residues"

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                                                                                                                                                                        The invention relates to a method for prevention and/or treatment of an amyloid-related disease which comprises administration of an all-D - amyloid-beta peptide. The method is used for preventing and/or treating and/or disease of all preventing and/or treating and/or disease of anyloid-beta in amammal and angiopathy; for altering serum levels of amyloid-beta in a mammal and favours the clearance of soluble amyloid-beta in a mammal and cavours the clearance of soluble amyloid-beta in amyloid-beta from the mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including and unitarity, anxylosing spondylitis, peoriasis, juvenile chronic arthritis, anxylosing spondylitis, peoriasis, juvenile chronic microbial chieses. AA deposits are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectesis, decubitus infections (preferably leprosy, tuberculosis, bronchiectesis, decubitus cucers, chronic pyelonephritis, osteomyelitis and Whipple's disease).

Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodykin's lymphoma, renal carcinomas of gut, lung
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                including Hodgkin's lymphoma, renal carcinoma, carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cerebrovascular disease; cardiovascular disease; memory loss, anxiety; behavioural dysfunction; neurological condition; psychological condition; vaccine antigen.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amyloid-beta; amyloid-beta related disease; amyloid-beta fibril formation; immune response; nootropic; neuroprofective; carebroprotective; hemoestatic; ophthalmological; antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic; cardiant; anti-depressant; endocrine; hypnotic;, amyloid-beta fibril formation modulator; immune system modulator; amyloid-beta fibril formation modulator; immune system modulator; mild-to-moderate cognitive impairment; vascular dementia; cerebral amyloid angiopathy; hereditary cerebral haemorrhage; senile dementia; Down's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism;
                                                                                                     Prevention and/or treatment of an amyloid-related disease e.g. Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Vaccine antigen amyloid-beta related amino acid sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      96.6%; Score 28; DB 6; Length 6; 83.3%; Pred. No. 1.8e+06; ive 1; Mismatches 0; Indels
                                              Kong X;
                                              Chalifour RJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Location/Qualifiers
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                                                                                                                                                  Claim 1; Page 59; 44pp; English
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Best Local Similarity 83...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Key
Misc-difference 1. .6
                (NEUR-) NEUROCHEM INC.
                                              Gervais F, Hebert L,
                                                                           WPI; 2003-201269/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 KIVEFA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADQ37277;
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The present invention describes compositions (C) comprising: (a) a first a second agent (a1) that prevents or treats amyloid-beta related disease; and (b) a septide or peptidomimetic that a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (i) a peptide or indices a prophylactic or therapeutic immune response against amyloid-beta fibril formation, or (ii) an immune system modulators that prevents or inhibits amyloid-beta concertoric, meuroprotective, carebroprotective, heamostatic, concertoric, mutthyroid; vasotropic, cardiovascular, tranquilliser, orbethalmological, antithyroid; vasotropic, cardiovascular, tranquilliser, orbethalmological, antithyroid; vasotropic, cardiovascular, anticlar, antidapressant, endocrine and hypnotic activities, neurologic, cardiant, antidapressant, endocrine and hypnotic activities, neurologic, cardiant, antidapressant, endocrine and hypnotic activities, neurological disease of including sporadic (non-hereditary) or familial (hereditary) inflo dognitive impaliment, and anyloid-beta related disease of including hypothyroidism, carebrash memorrhage, senile dementia, conv.'s syndrom, inclusion body myositis, agental disease, anyloid-beta incominance, including hypothyroidism, carebroascular disease, cardiovascular desease, amyloid-beta, anxiety, a behavioural dysfunction (e.g. apathy, apathnosis, and anyloid-beta, incoordination, gardiac confidence, cardial confidence, cardial confidence, cardial confidence, and anyloid adesase, amyloid-beta shasia, apraxia, agnosia, pick disease, amylorophic lateral sclerosis, acquired immunodeficiency, parkinson's disease, anylorophic lateral sclerosis, acquired immunodeficiency, catedor, transient alexinens, agnosia, pick disease, anylorophic lateral sclerosis, acquired immunodeficiency, parkinson's disease, anylorophic lateral sclerosis, acquired immunodeficience, catedor or stroke, transient alexinens, agnosia, pick deficits, incoordinatio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Disclosure; Page 67; 143pp; English.
                                       /note= "amidated"
                                                                                                                                                                                                                                                                                                                                                                         24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                          24-DEC-2003; 2003WO-CA002021.
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Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Bellini F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WPI; 2004-543342/52.
                                                                                                                               WO2004058239-A1
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Modified-site
                                                                                                                                                                                                                   15-JUL-2004.
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KIVFFA 6 KWFFA

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Matches
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                                                                                                                                                                                                                                                                              KW amyloid-beta; amyloid-beta related disease;

Amyloid-beta fibril formation; immune response; nootropic;

Amyloid-beta fibril formation; immune response; nootropic;

M neuroprotective; cerebroprotective; haemostatic; ophthalmological;

M neuroprotective; cerebroprotective; ranquilliser; uropathic;

M antithyroid; vasotropic; cardiovaskinsonian; muscular; neuroleptic;

M antithyroid; vasotrossant; endocrine; hypnotic;

M antidor-beta fibril formation modulator; immune system modulator;

M anyloid-beta fibril formation modulator; immune system modulator;

M anyloid-beta fibril formation modulator; immune system modulator;

M anyloid-beta moditive impairment; vascular dementia;

M serile dementia; Down's syndrome; inclusion body myositis;

M serile dementia; Down's syndrome; inclusion body myositis;

M serila degeneration; hypothyroidism;

M cerebrovascular degeneration; hypothyroidism;

M cerebrovascular degeneration; neurological condition;

M behavioural dysfunction; neurological condition;
                                                                                                                                                                                                                                                                                                                                                                                          Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                   Antifibrillogenic amyloidosis inhibiting peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                              Disclosure; Page 69; 143pp; English.
                               ADQ37321 standard; peptide; 6 AA
                                                                                                                                                                                                                                                                                                              24-DEC-2002; 2002US-0436379P-
                                                                                                                                                                                                                                                                                             24-DEC-2003; 2003WO-CA002021
                                                                                                                                                                                                                                                                                                                                        (NEUR-) NEUROCHEM INT LTD.
                                                                  (first entry)
                                                                                                                                                                                                                                                                                                                                                        Gervais F, Bellini F;
                                                                                                                                                                                                                                                                                                                                                                          WPI; 2004-543342/52.
                                                                                                                                                                                                                                                           WO2004058239-A1.
                                                                                                                                                                                                                           raccine antigen.
                                                                 07-OCT-2004
                                                                                                                                                                                                                                                                             15-JUL-2004.
                                                                                                                                                                                                                                            Synthetic.
                                                 AD037321;
               RESULT 26
                        4DQ37321
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disease, amyotrophic lateral sclerosis, acquired immunodeficiency,
Parkinson's disease, aphasia, apraxia, agnosia, Pick disease, dementia
with Lewy bodies, altered muscle tone, selzures, sensory loss, visual
field deficits, innocordination, gait disturbance, transient ischaemic
attack or stroke, transient alertness, attention deficit, frequent falls,
syncope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural
heematoma, brain tumour, posttraumatic brain injury, or posthypoxic
damage), or a psychological condition (e.g. depression, delusions,
illusion, hallucination, sexual disorder, weight loss, psychosis, a sleep
disturbance, insomnia, behavioural disinhibition, poor insight, suicidal
cideation, depressed mood, irritability, anhedonia, social withdrawal, or
excessive guilt) in a subject e.g. human having a genomic mutation in an
amyloid precursor protein gene, an ApoE gene, or a presenilin gene;
having amyloid-beta deposits. The present sequence represents a peptide
that can be used as an antifibrillogenic amyloidosis inhibiting peptide
in the exemplification of the present invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          amyloid-beta; amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
neuroprotective; cerebroprotective; haemostatic; ophthalmological;
antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;
cardiant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer; a disease; mild cognitive impairment; vascular dementia;
cerebral amyloid angiopathy; hereditary cerebral haemorrhage;
senile dementia; Down's syndrome; inclusion body myositis;
age-related macular degeneration; hypothyroidism;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 28; DB 8; Length 6;
Pred. No. 1.8e+06;
; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Antifibrillogenic amyloidosis inhibiting peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /note= "amidated"
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23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                96.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              07-OCT-2004 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 KIVFFA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WO2004058239-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Key
Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15-JUL-2004.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADQ37329;
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Novel nucleic acid molecule antisense to nucleic acid sequence encoding prolamine, useful for reducing expression dose of protein in seed, and for producing transgenic plant, preferably rice plant having reduced

(NAAG-) NAT AGRIC & BIO-ORIENTED RES ORG.

WPI; 2004-525439/50.

Kuroda M;

N-PSDB; ADQ09760.

20-DEC-2002; 2002JP-00369700. 09-DEC-2003; 2003WO-JP015753

08-JUL-2004

Example 13; SEQ ID NO 117; 272pp; Japanese.

storage protein.

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The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that modulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation; or therapeutic immune system modulator that prevents or inhibits amyloid-beta fibril formation. Also described is a kit comprising (C). (C) have nootropic, neuroprotective, cerebroprotective, haemostatic. (C) inductopic, neuroprotective, cerebroprotective, haemostatic. (C) described in anti-HIV, antiparkinsonian, muscular, copthalmological, antithyroid, vasotropic, cardiovascular, tranquilliser, neuroleptic, cardiant, antidepressant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, cerebral companion, or a condition associated with Alzheimer's disease cognitive impairment, and companion body myositis, age-related macular companion or a condition associated with Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (including hypothyroidism, cerebrovascular disease, cardiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, aggression, or incontinence), a neurological condition (e.g. Huntington's disease, amyotrophic lateral sclerosis, acquired immunodeficiency, parkinson's disease, aphasia, apraxia, agnosia, pick disease, dementia with Lewy bodies, altered muscle tone, seizures, sensory loss, visual field deficits, incoordination, gait disturbance, transient ischaemic attack or stroke, transient alextness, attention deficit, frequent falls, syncope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural haemacoma, brain tumour, posttraumatic brain injury, or posthypoxic danage), or a psychological condition (e.g. depression, delusions,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            illudion, hallucination, sexual disorder, weight loss, psychosis, a sleep disturbance, insomnia, behavioural disinhibition, poor insight, suicidal ideation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt) in a subject e.g. human having agnomic mutation in an amyloid precursor protein gene, an ApoE gene, or a presentlin gene, that can be used as an antifibrillogenic amyloidosis inhibiting peptide in the exemplification of the present invention.
                                                                                    Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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Pred. No. 1.8e+06;
; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               prolamine; rice; plant; seed; transgenic plant; signal.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Rice 26kDa globulin signal sequence SEQ ID NO:117.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                                                                                                                                                                                                                                                    Disclosure; Page 70; 143pp; English.
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WPI; 2004-543342/52
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Oryza sativa.
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The present invention describes a nucleic acid molecule (I) comprising a consecutive nucleic acid sequence (S1) of at least 15 bp in length and complementary with a nucleic acid sequence encoding a prolamine complementary with a nucleic acid sequence having a homology of at least bolypeptide or a nucleic acid sequence having a homology of at least comprising a nucleic acid sequence (A) having about 70% homology to a nucleic acid sequence encoding a prolamine polypeptide and a nucleic acid sequence encoding a prolamine polypeptide (I) a factor (II) capable of causing RNA interference of the gene sequence encoding a prolamine polypeptide, (I) a factor (II) capable of causing RNA interference of the gene sequence encoding a prolamine polypeptide, (I) a plant cell (II) producing (III), (I) a plant tissue (III) containing (I); (I) a plant tissue (III) comprising (I); (I) a plant tissue (IVII) produced by (VIII); (II) starch producing (III) (I) a vector (IVI) or (VIII); and (II) a composition containing gene produce of foreign gene produced from (VIII).

(I) is useful for decreasing the expression level of a protein in the seed of a plant, for expressing a foreign gene in the seed of a plant into the cell of the plant, radifferentiating the containing the expression of a natural protein in the seed of a plant and obtaining the set of a plant, and obtaining the seed from the transgenic plant. The method of expressing a foreign gene in the seed of a plant, and obtaining the seed from the transgenic plant, and obtaining the seed of a plant involves providing (I) and the mucleic acid molecule encoding a foreign gene product into cell of the plant, expension of expersing a foreign gene in the seed of a plant involves providing (I) and the method encoding transgenic plant havin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. 17;
1, Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5; Conservative
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Best Local Similarity
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AAB05910
ID AAB05
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WO2004056993-A1

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Rubanyi G;

Qian HS,

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Treating critical limb ischemia (CLI), or angiogenesis comprises
                                                                                                                                       15-AUG-2003; 2003WO-US025626.
                                                                                                                                                                         16-AUG-2002; 2002US-0403637P.
   neuronal nitric oxide; nNOS.
                                                                                                                                                                                                         (SCHD ) SCHERING AG
                                                                                                                                                                                                                                          Dole WP, Kauser K,
                                                                                                                                                                                                                                                                            WPI; 2004-203789/19.
                                                                     WO2004016761-A2
                                     Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mus musculus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20-MAY-2004
                                                                                                       26-FEB-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           셤
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The present sequence is the calmodulin (CaM)-binding region of mouse inducible nitric oxide synthase (1NOS). INOS is one of three isoforms of the enzyme NOS, which synthesises nitric oxide from the amino acid L-arginine. The sequence is provided for comparison with endothelial nitric oxide synthase (eNOS). The threonine residue at position 495 of eNOS is phosphorylated by AMP-activated protein kinase (AMPK) in the absence of Ca2+-CaM. Phosphorylation results in inhibition of eNOS. In the presence of Ga2+-CaM, phosphorylation by AMPK occurs predominantly at Ser-1177 and eNOS is activated. Modulators which activate AMPK may be used in the treatment of ischaemic heart disease by promoting glucose and fatty acid metabolism, and improving nutrient and oxygen supply to the myocytes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             vasotropic; antiangiogenic; gene therapy; critical limb ischaemia; CLI; eNOS; endothelial nitric oxide synthase; angiogenesis; microvascular dysfunction; human; calmodulin binidng domain;
                                                                                                                   endothelial nitric oxide synthase; eNOS; vasotropic; hypertensive;
AMP-activated protein kinase; AMPK; calmodulin; CaM;
eNOS phosphorylation; ischaemic heart disease; pulmonary hypertension;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Identifying modulators of AMP-activated protein kinase-mediated activation of a nitric oxide synthase (NOS), for use in ischemic heart disease, comprises testing for the increase or decrease in phosphorylation of NOS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                 Mouse inducible nitric oxide synthase calmodulin-binding region,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                Mitchelhill KI;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 28; DB 3; Length 37;
Pred. No. 28;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Human nNOS calmodulin binding domain peptide seqid 7.
                                                                                                                                                                                                                                                                                                                                                                                                              Michell BJ, Kemp BE,
                                                                                                 inducible nitric oxide synthase; iNOS;
                                                                                                                                                                                                                                                                                                                                                                            (SVIN-) ST VINCENTS INST MEDICAL RES.
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                                                                                                                                                                                                                                                                                                          99WO-AU000968
                                                                                                                                                                                                                                                                                                                                            98AU-00006976
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Best Local Similarity 83.3%;
Matches 5; Conservative
                                                                                                                                                                       obstructive airways disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  obstructive airways disease
                                (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                Chen Z,
                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2000-376583/32.
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                                                                                                                                                                                                                                       WO200028076-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                Stapleton DI,
                                                                                                                                                                                                                                                                                                          05-NOV-1999;
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                                 16-OCT-2000
                                                                                                                                                                                                                                                                         18-MAY-2000
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AAB05910;
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                                                                                                     foliae:
                                                                                                                                                                                                       Мив вр.
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                                                                                                                                                                        The invention describes a method of creating critical limb ischaemia (CLI) comprising administering to a patient a polynucleotide encoding a mammalian eNOS (endothelial nitric oxide synthase) polympeptide. Also described are: a method for treating angiogenesis by administering to a patient a polynucleotide encoding eNOS; and ameliorating microvascular dysfunction by administering to the patient the polynucleotide encoding the eNOS polypeptide. The method is useful for treating critical limb ischaemia or anglogenesis, or ameliorating a microvascular dysfunction. This is the amino acid sequence of a human neuronal nitric synthase (nNOS) calmodulin binding domain peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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administering to a patient a polynucleotide encoding a mammalian endothelial nitric oxide synthase (eNOS) polypeptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .
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Pred. No. 28;
1; Mismatches 0; Indels
                                                                                                              Example 1; SEQ ID NO 7; 82pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADL70727 standard; peptide; 37 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              96.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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KVVFFA 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 37 AA;
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Giordano J;

us-10-009-122-1.rag

obesity

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The present sequence is a polypeptide encoded by one of a large number of 5' ESTs derived from mRNAs encoding secreted proteins. The 5' ESTs were prepared from total human RNAs or polyA+ RNAs derived from 30 different tissues. EST sequences usually correspond mainly to the 3' untranslated region (UTR) of the mRNA because they are often obtained from oligo-dT primed cDNA libraries. Such ESTs are not well suited for isolating cDNA sequences derived from the 5' ends of mRNAs and even in those cases where longer cDNA sequences have been obtained, the full 5' UTR is rarely included. 5' ESTs are derived from mRNAs with intact 5' ends and can therefore be used to obtain full length cDNAs and genomic DNAs. 5' ESTs are also used in diagnostic, forensic, gene therapy and chromosome mapping procedures. They are used to obtain upstream regulatory sequences and to design expression and secretion vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human, cytokine; cell proliferation; cell differentiation; gene therapy; vaccine; peptide therapy; stem cell growth factor; haematopoiesis; tissue growth factor; immunomodulatory; cancer; leukaemia; nervous system disorders; arthritis; inflammation.
                                                                                                                                                                                                                                                                                                               New nucleic acid that is a 5' expressed sequence tag (5' EST) for obtaining cDNAs and genomic DNAs that correspond to 5'ESTs and for diagnostic, forensic, gene therapy and chromosome mapping procedures.
                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 13; SEQ ID NO 6921; 71pp + Sequence Listing; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 28; DB 3; Length 77;
Pred. No. 58;
1; Mismatches 0; Indels
                                                                                                                                                                                   Duclert A,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAO11219 standard; protein; 175 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human polypeptide SEQ ID NO 25111.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     96.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tang YT, Liu C, Drmanac RT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26-FEB-2001; 2001WO-US004927.
                        21-FEB-2000; 2000EP-00200610.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           28-FEB-2000; 2000US-00515126
18-MAY-2000; 2000US-00577409
                                                                          99US-0122487P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 83.33,
Best Local Si Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          06-NOV-2001 (first entry)
                                                                                                                                                                                   Dumas Milne Edwards J,
                                                                                                                                                                                                                                       WPI; 2000-500381/45.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  38 KWVFFA 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                9
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                                                                                                                                                                                                                                                                N-PSDB; AAC02846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 KIVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 77 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WO200164835-A2.
                                                                                                                            (GEST ) GENSET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ното варіепв.
                                                                          26-FEB-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AA011219;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AA011219
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      The present sequence represents the calmodulin-binding site of mouse iNOS amino acid sequence. The present invention describes endothelial nitric coxide synthase (eNOS) mutants having one or more mutations in an amino acid sequence corresponding to a functional domain of a mammalian eNOS.

At least one of the mutations is at a position corresponding to an amino acid sequence corresponding to a functional domain that is phosphorylated in mammalian cells, and not an amino acid substitution to Ala or Asp. Also described: (1) an isolated eNOS polypeptide mutant that is substantially commologous, or has a 95-9% sequence identity to the amino acid sequence of the novel eNOS polypeptide mutant; (2) an isolated polypucleotide cording the polypeptide mutant; (3) a recombinant vector comprising the polypeptide mutant; (4) a plantanceutical composition comprising the polypeptide mutant; (6) modulating eNOS activity in a cell by administering the polypeptide mutant or the polymucleotide; (5) a binding partner of the polypeptide mutant; (6) modulating eNOS activity in a cell by administering the polypeptide mutant or the polymucleotide to the cell; (6) a patient with the polymucleotide, and detecting a cell of a patient with the polymucleotide, and detecting a level of eNOS activity by administering the polymucleotide, and detecting a level of eNOS activity by administering a condition associated with abbrrant eNOS activity by administering a condition associated with abbrrant eNOS activity by administering a condition associated with abbrrant eNOS activity by administering a condition associated with abbrrant eNOS activity by administering a condition associated with abbrrant eNOS activity by administering a condition associated with abbrrant eNOS activity by administering a condition associated and anorectic activity by administering a condition associated with abbrrant eNOS activity. The eNOS mutant be polypeptide mutant, polymucleotide and mutant or polymucleotide activity. An isolated calcium dependence and increased a
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                                                                                                                                                       New isolated endothelial nitric oxide synthase polypeptide mutant, useful for diagnosing or treating ischemia, atherosclerosis, hypertension, diabetes, Raynaud's phenomenon, poor wound healing, hyperlipidemia or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human; 5' EST; expressed sequence tag; secreted protein; cDNA isolation; gene therapy; chromosome mapping.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                activity, e.g. ischaemia, atherosclerosis, hypertension, diabetes,
Raynaud's phenomenon, poor wound healing, hyperlipidaemia or obesity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 28; DB 8; Pred. No. 28; 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human secreted protein, SEQ ID NO: 6921.
                                                                                                                                                                                                                                                                                            Example 1; SEQ ID NO 7; 57pp; English.
                                                    Parkinson J;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAG02840 standard; protein; 77 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               96.6%;
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                                                    Blasko E, Kauser K,
(SCHD ) SCHERING AG
                                                                                                WPI; 2004-203792/19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 5; Conserv
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18 KVVFFA 23
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AAG02840;

RESULT 32

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Claim 15; SEQ ID NO 228; 130pp; English.
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                                                                 Isolated nucleic acids and polypeptides, useful for preventing diagnosing and treating e.g. leukemia, inflammation and immune disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  plant biotechnology; carbohydrate synthesis; carbohydrate metabolism; carbohydrate degradation; carbohydrate, plant grain; grain filling; corn; tomato; banan; canola; cotton; peanut; sorghum; tobaco; sugarbeet; wheat; rice; protein; oil; starch; fibre; moisture content; cereal grain;
                                                                                                                                                                             The invention relates to human polynucleotides (AAI79941-AAI93841) and the encoded proteins (AA00010-AA013910) that exhibit activity elating to yvtokine, cell proliferantian or which may induce production of other cytckines in other cell populations. The polynucleotides and polypeptides are useful in gene therapy, vaccines or peptide therapy. The polypeptides have various cytckine-like activities, e.g. stem cell growth factor activity, immunomodulatory activity and activity, tissue growth factor activity, immunomodulatory activity and activin/inhibin activity and may be useful in the diagnosis and/or treatment of cancer, leukaemia, nervous system disorders, arthritis and inflammation. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
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Ricke D;
                                                                                                                                        Claim 20; SEQ ID NO 25111; 1399pp + Sequence Listing; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               96.6%; Score 28; DB 4; Length 175; 83.3%; Pred. No. 1.3e+02; ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Rice protein sequence Seq ID228 related to grain filling.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Cooper B, Goff SA,
Kreps J, Provart N,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADC07962 standard; protein; 186 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (SYGN ) SYNGENTA PARTICIPATIONS AG
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26-SEP-2001; 2001US-0325277P.
20-DEC-2001; 2001US-0342327P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   21-JUN-2002; 2002WO-IB002450.
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Katagiri F, 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2003-229341/22.
  WPI; 2001-514838/56.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          128 KWFFA 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
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                     N-PSDB; AAI91150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Cheng W,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         N-PSDB; ADC07961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 175 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WO2003000905-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ds; plant
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Oryza sativa.
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This invention, in the area of plant biotechnology, relates to novel polymucleotides comprising a nuclectide sequence encoding a protein which is involved in or associated with the synthesis, metabolism or associated with the synthesis, metabolism or described which is up-regulated during grain filling. The plant is selected from corn, tomator, banana, canola, cotton, peanut, sorghum, tobacco, sugarbeet, wheat, and rice. The invention may be useful for the improvement of protein, oil, starch, fibre and moisture content of the cereal grains. In addition, carbohydrate levels may be modified to a more desirable level using the present invention. The present sequence is the sequence of a rice protein of the invention. Note: The sequence data for this patent did not form part of the printed appecification, but was obtained in electronic format directly from WIPO at thp.wipo.int/pub/publishedpct_sequences.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            plant biotechnology; carbohydrate synthesis; carbohydrate metabolism;
carbohydrate degradation; carbohydrate; plant grain; grain filling; corn;
tomato; banana; canola; cotton; peanut; sorghum; tobacco; sugarbeet;
wheat; rice; protein; oil; starch; fibre; moisture content; cereal grain;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New plant genes encoding polypeptides having an activity involved in or associated with the synthesis, metabolism or degradation of carbohydrates in the plant grain useful in generating plants having improved
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  This invention, in the area of plant biotechnology, relates to novel
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Ricke D;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 28, DB 7, Length 186;
Pred. No. 1.4e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Rice protein sequence Seq ID214 related to grain filling.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Cooper B, Goff SA,
Kreps J, Provart N,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 15; SEQ ID NO 214; 130pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADC07948 standard; protein; 186 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         96.6%;
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26-SEP-2001; 2001US-0325277P.
20-DEC-2001; 2001US-0342327P.
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Glazebrook J, Katagiri F,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18-DEC-2003 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5; Conservative
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N-PSDB; ADC07947.
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KVVFFA 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 KIVFFA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 186 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WO2003000905-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gene; ds; plant.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          03-JAN-2003
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polynucleotides comprising a nucleotide sequence encoding a protein which is involved in or associated with the synthesis, metabolism or degradation of carbohydrates in the plant grain and the expression of which is up-regulated during grain [11] in the plant is selected from corn, tomato, banana, canola, cotton, peanut, sorghum, tobacco, sugarbeet, wheat, and rice. The invention may be useful for the improvement of protein, oil, starch, fibre and moisture content of the cereal grains. In addition, carbohydrate levels may be modified to a more desirable level using the present invention. The present sequence is the anno acid sequence of a rice protein of the invention. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/publishedpct_sequences.
                                                                                                                                                                                                                                                                                                              Human; immune; haematopoietic; immune/haematopoietic antigen; cancer; cytostatic; gene therapy; vaccine; metastasis.
                                                                                                                                                                Gaps
                                                                                                                                            96.6%; Score 28; DB 7; Length 186; 83.3%; Pred. No. 1.4e+02; 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                 Human immune/haematopoietic antigen SEQ ID NO:11385
                                                                                                                                                                                                                                             AAM83792 standard; protein; 190 AA
                                                                                                                                                                                                                                                                                                                                                                                                               2000US-0179065P.
2000US-0180628P.
2000US-0184664P.
2000US-0186350P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 2000US-0189874P.
2000US-0190076P.
2000US-019813P.
2000US-0209467P.
2000US-0214886P.
2000US-0215135P.
2000US-0216880P.
2000US-0216880P.
2000US-0216880P.
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2000US-0218290P.
2000US-0220963P.
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                                                                                                                                                                                                                                                                                (first entry)
                                                                                                                                             Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                  1 KIVFFA 6
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KVVFFA
                                                                                                                              Sequence 186 AA;
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17-MAR-2000;
18-APR-2000;
19-MAY-2000;
                                                                                                                                                                                                                                                                                                                                             Homo sapiens.
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AAM83792
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RR 14-AUG-2000; 2000US-0225759P.

RR 14-AUG-2000; 2000US-0225759P.

RR 22-AUG-2000; 2000US-0225759P.

RR 22-AUG-2000; 2000US-0225759P.

RR 22-AUG-2000; 2000US-0225668P.

RR 22-AUG-2000; 2000US-022668P.

RR 22-AUG-2000; 2000US-0229824P.

RR 1-SEP-2000; 2000US-022943P.

RR 05-SEP-2000; 2000US-022943P.

RR 06-SEP-2000; 2000US-022943P.

RR 14-SEP-2000; 2000US-023144P.

RR 06-SEP-2000; 2000US-023144P.

RR 06-SEP-2000; 2000US-023144P.

RR 14-SEP-2000; 2000US-023144P.
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AAK54951 to AAK64702 encode the human immune/haematopoietic antigen (I) and acid sequences given in AAM82170 to AAM91921. (I) have cytostatic activity, and can be used in gene therapy and vaccine production. (I) proteins and polynucleotides may be used in the prevention, diagnosis and treatment of diseases associated with inappropriate (I) expression. For example, they may be used to treat disorders associated with decreased expression by rectifying mutations or deletions in a patient's genome expression by rectifying mutations or deletions in a patient's genome cupplement the patients own production of (I). Additionally, (I) polynucleotides may be used to produce the secreted (I), by inserting the patients own production of (I). Additionally, (I) colorins and polynucleotides may be used to protein. (I) proteins and polynucleotides may be used to prevent, diagnose and treat immune/haematopoietic-related diseases, especially cancers and cancer metastases of haematopoietic antigen genomic expresent human immune/haematopoietic antigen genomic sequences from the present invention. AAK64942 to AAK84950 and AAM82169 represent invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Nucleic acids encoding human immune/hematopoietic antigen polypeptides, useful for preventing, diagnosing and/or treating cancers and metastasis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 11; SEQ ID NO 11385; 3071pp + Sequence Listing; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 28; DB 4; Length 190;
Pred. No. 1.4e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ruben SM
                                           2000US-0246613P
2000US-0249207P
2000US-0249209P
2000US-0249210P
2000US-0249211P
2000US-0249211P
2000US-0249213P
2000US-0249213P
2000US-0249215P
2000US-0249215P
2000US-0249215P
2000US-0249216P
2000US-0249216P
2000US-0249216P
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2000US-0249264P.
2000US-0249265P.
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2000US-0251856P.
2000US-0251868P.
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                                                                                                                                                                                                                                                                                                                                                   1000US-0249300P
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Best Local Similarity 83.3%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Barash SC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2001-483426/52.
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                                                                                                                                                                                                                                                                                                                     7-NOV-2000;
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The invention relates to an isolated nucleic acid detection reagent capable of detecting 1000 or more genes from Drosophila. The invention is useful in developmental biology and in elucidating cell signalling and cell-cell interactions in higher eukaryotes for the development of insecticides, therapeutics and pharmaceutical drugs. The invention discloses genomic DNA sequences (ABL16176-ABL30511), expressed DNA sequences (ABL01840-ABL16175) and the encoded proteins (ABB77177-ABB72072). The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                   New isolated nucleic acid detection reagent for detecting 1000 or more genes from Drosophila and for elucidating cell signaling and cell-cell interactions.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                  Drosophila; developmental biology; cell signalling; insecticide;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Disclosure; SEQ ID NO 12723; 21pp + Sequence Listing; English
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Pred, No. 4.2e+02;
1; Mismatches 0; Indels
                                                                                                     Drosophila melanogaster polypeptide SEQ ID NO 12723.
                                                                                                                                                                                                                                                                                                                                                                             Myers EW;
               ABB61977 standard; protein; 564 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADQ66704 standard; protein; 854 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Novel human protein sequence #1677
                                                                                                                                                                                                                                                                                                                                                                            Li PWD,
                                                                                                                                                                                                                                                                                                   23-MAR-2000; 2000US-0191637P.
11-JUL-2000; 2000US-00614150.
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                                                                         26-MAR-2002 (first entry)
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Matches 5; Conservative
                                                                                                                                                                              Drosophila melanogaster.
                                                                                                                                                                                                                                                                                                                                                                             Adams M,
                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2001-656860/75.
N-PSDB; ABL06080.
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53 KIIFFA 58
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                                                                                                                                                  pharmaceutical
                                                                                                                                                                                                           WO200171042-A2
                                                                                                                                                                                                                                         27-SEP-2001.
                                                                                                                                                                                                                                                                                                                                                                          Venter JC,
                                             ABB61977;
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ABB61977
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(INCY-) INCYTE CORP
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                                                                                                                                                                                                                                                                                     The invention relates to 2495 novel polynucleotides (I) and their encoded polypeptides, sequences hybridizing to these nucleotides, sequences encoding partial polypeptides and sequences having 70% to 90% identity to the nucleotide and protein sequences. The nucleotides and polypeptides are useful as diagnostic markers or therapeutic target for the diseases or morbid states. They are also useful for treating osteoporosis, neurological diseases, Alzheimer's diseases, Parkinson's diseases, dementia and various cancers. This sequence corresponds to a protein sequence of the invention.
         osteopathic, neuroprotective, nootropic, antiparkinsonian, cytostatic, gene therapy, diagnostic marker, morbid state; osteoporosis, neurological disease, Alzheimer's disease, Parkinson's disease, dementia;
                                                                                                                                                                                                                                         Novel 2495 cDNA, useful for treating osteoporosis, neurological diseases.
Alzheimer's diseases, Parkinson's diseases, dementia and various cancers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gene therapy; human diagnostic and therapeutic polynucleotide; dithp.
                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                  Ishii S;
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Pred. No. 6.4e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                  Sato H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human diagnostic and therapeutic pprotein SEQ ID NO:3501
                                                                                                                                                                                   Wakamatsu A,
                                                                                                                                                                                                                                                                        Claim 1; SEQ ID NO 3865; 2449pp; English.
                                                                                                                                                                                            Irie R;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ABM83252 standard; protein; 922 AA.
                                                                                                                                                                                  Otsuki T,
Nagai K, I
                                                                                                                                                               (REAS-) RES ASSOC BIOTECHNOLOGY
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                                                                                                                  21-JAN-2004; 2004EP-00001196.
                                                                                                                                   21-JAN-2003; 2003JP-00102206.
09-MAY-2003; 2003JP-00131392.
                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                                                                                                  Sugiyama T,
, Isono Y,
                                                                                                                                                                                                               WPI; 2004-535376/52.
N-PSDB; ADQ64516.
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221 KVVFFA 226
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 KIVFFA 6
                                                                                                                                                                                                                                                                                                                                                                                        Sequence 854 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
                                                           Homo sapiens
                                                                            EP1440981-A2
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                                                                                                                                                                                             Yamamoto J,
                                                                                                28-JUL-2004
                                                                                                                                                                                   Isogai T,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABM83252;
                                        cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 39
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The invention relates to novel diagnostic and therapeutic polynucleotides selected from one of the 2722 sequences defined in the specification. A selected from one of the 2722 sequences defined in the specification. A diagnostic and therapeutic polynucleotides (dithp) or polypeptides may be used to diagnostic and therapeutic polynucleotides (dithp) or polypeptides may be used to diagnostic and therapeutic polynucleotides (dithp) or polypeptides may be used to diagnostic associated with human molecules, e.g. cell proliferative disorders, or disorder, neurological disorders, developmental disorders, or infections caused by virus, bacteria, fungi or parasite. The dithp concerns may also be used in genetic mapping, in identifying individuals from minute biological samples, in detecting single nucleotide polymorphisms, as molecular weight markers, and for somatic or germline colymorphisms, as molecular weight markers, and for somatic or germline colymorphisms, the present sequence represents a dithp protein of the invention. Note: The sequence data for this patent is not represented in the printed specification, but was obtained in electronic format directly from WIPO at www.wipo.int/pct/en/sequences/listing.htm
                                                                                                                                                                                                                                                                                                                                                                                                                                    New diagnostic and therapeutic polynucleotides and polypeptides, useful in diagnosing a condition, disease or disorder associated with human molecules, e.g. autoimmune or inflammatory disorders, in gene therapy or
Wright RJ, Bruns CM, Marjanovic MM, Shen F;
TA, Suchorolski MT, Altus CM, Pitts SJ, Elder LV;
Delegeane AM, Panesar IS, Banville SC, Reddy TP;
Blanchard JL, Panezer SR, Wang X, Au AP, Gerstin EH;
Anderson SB, Rioux P, Shen EJ, Mu MC, Stuve LL;
Spiro PA, Stewart EA, Wingrove J, Vitt UA, Kirton ES;
M, Policky JL, Hurwitz BL, Ma Y, Jackson JL, Gietzen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 human; PRO; membrane bound protein; membrane bound receptor; cell prollferation; cell migration; cell differentiation; mitogenic factor; auryival factor; cytotoxic factor; differentiation factor; neuropeptide; hormone; cell receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    receptor-ligand interaction; cytostatic; chondrocyte; tumour
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 8; Length 922;
6.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 28; DB 8
Pred. No. 6.9e+
1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 27; Page; 190pp; English
                                                                                                                                                                                               Lagace RE, Spiro PA, Stewart
Xu Y, Kwong M, Policky JL,
Patury S, Shi X, Suarez CJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    96.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5; Conservative
                                                                                          WPI; 2004-329368/30.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      291 KWVFFA 296
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                               N-PSDB; ACN41904.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gene mapping.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 922 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WO2003072035-A2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          04-SEP-2003.
                                                    Harthshorne
               Schmidt JP,
                                                                                      Mooney EM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADF76335';
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                                                                                                                                                                                                                                                        This invention relates to novel nucleic acids encoding human PRO secreted and transmembrane proteins. Extracellular proteins play important roles on the formation, differentiation and maintenance of mulicellular organisms. The fate of many individual cells (for example proliferation, corganisms. The fate of many individual cells (for example proliferation, corganisms. The fate of many individual cells (for example proliferation, corganisms. The fate of many individual cells (for example proliferation, corganisms. The information is often transmitted by secreted polypetudes (for example mitogenic factors, survival factors, cyctocoxic factors, differentiation factors, cell receptors or membrane bound proteins. These membrane bound proteins and receptors may be of use as pharmaceutical and diagnostic agents, such as in the blocking of receptor-ligand inneractions. The current invention provides the amino acid sequences of novel human membrane bound receptors and proteins of the invention may have cytostatic activities through the stimulation of chondrocytes. The nucleic acids of the invention may be useful for the manufacture of a medicament for diagnosing or treating a ctumour in a mammal. In addition, they may be useful for measuring or detecting the expression of a tumour associated gene. The present
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          mitochondrial; human; screening assay; diabetes mellitus;
Huntington's disease; osteoarthritis;
Leber's hereditary optic neuropathy; LHON;
mitochondrial encephalopathy lactic acidos and stroke; MELAS;
myoclonic epilepsy ragged red fibre syndrome; MERRF; cancer;
neuroprotective; nootropic; antidiabetic; anticonvulsant; antiarthritic;
                                                                                                                                                           New PRO polypeptides, useful for diagnosing and treating an immune related disorder, e.g. systemic lupus erythematosus, rheumatoid arthritis, osteoarthritis, juvenile chronic arthritis, thyroiditis or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human heat mitochondrial protein as a therapeutic target SeqID2031.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
                                                                        Schoenfeld JR;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    96.6%; Score 28; DB 7; Length 925; 83.3%; Pred. No. 6.9e+02; rive 1; Mismatches 0; Indels
                                                                      Jackman JK,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   osteopathic; ophthalmological; cytostatic.
                                                                                                                                                                                                                                   Claim 10; SEQ ID NO 8; 918pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADJ70225 standard; protein; 925 AA.
                                                                      Hunte B,
Wu TD;
               22-FEB-2002; 2002US-0359461P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity 83.
                                                                                      Wood WI,
                                         (GETH ) GENENTECH INC
                                                                      Clark H,
                                                                                                                 WPI; 2003-721702/68.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              292 KVVFFA 297
                                                                                                                                                                                                         diabetes mellitus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 KIVFFA 6
                                                                                                                                 N-PSDB; ADF76334.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 925 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WO2003087768-A2.
                                                                     Bodary SC, C.
Williams PM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
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Matches
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This invention relates to novel mitochondrial targets that can be used for therapeutic intervention in treating a disease associated with altered mitochondrial function. Specifically, it refers to a method for identifying proteins of the human heart mitochondrial proteome that are useful for drug screening assays, as well as therapeutic targets. The present invention describes a method for identifying such proteins that can be used in the treatment of various diseases associated with altered mitochondrial function including diabetes mellitus, Huntington's disease, ostecarthritis, Leber's hereditary optic neuropathy (LHON), mitochondrial compositions acidosis and stroke (MELAS), myoclonic epilepsy ragged red fibre syndrome (MERRP) or cancer. Accordingly, these compositions have neuroprotective, nootropic, antidiabetic, anticonvulsant, antiarthritic, osteopathic, ophthalmological and cytostatic activities. This polypeptide sequence is a human heart mitochondrial protein of the invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               bronchial asthma; chronic obstructive pulmonary disease;
respiratory epithelial cell; interleukin-13; respiratory; antiasthmatic;
gene therapy; marker.
                                                                                                                                                                                                                                                                                                                                                                                              Identifying a mitochondrial target for drug screening assays and for treating diseases associated with altered mitochondrial function, comprises detecting a modified polypeptide in a sample and correlating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                         Glenn GM;
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Pred. No. 6.9e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                         Gibson BW, Taylor SW,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Marker gene related amino acid sequence SEQ ID NO:680.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Claim 1; SEQ ID NO 2031; 180pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADJ75428 standard; protein; 925 AA.
                                                                                                                                                                                                                                                                         Fahy ED, Zhang B,
                                                                                             12-APR-2002; 2002US-0372843P.
17-JUN-2002; 2002US-0389987P.
20-SEP-2002; 2002US-0412418P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  96.6%;
                                                 04-APR-2003; 2003WO-US010870.
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                                                                                                                                                                                              (MITO-) MITOKOR.
(BUCK-) BUCK INST AGE RES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20-MAY-2004 (first entry)
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            with the disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 925 AA;
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23-OCT-2003.
                                                                                                                                                                                                                                                                    Ghosh SS, F
Warnock DE;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     03-MAR-2004.
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04-AUG-2003; 2003EP-00254857

03-MAR-2004

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The present invention describes a method of testing for bronchial asthma or chronic obstructive pulmonary disease. The method comprises determining the expression level of a marker gene in a biological sample from a subject, comparing the expression level determined with the expression level of the marker gene in a biological sample from a healthy subject, and judging whether the subject has bronchial asthma or chronic cobstructive pulmonary disease. The marker gene comprises: (a) a group of genes (51) whose expression levels increase when respiratory epithelial cells are stimulated with interleukin-13, or (b) a group of genes (52) whose expression levels decrease when respiratory epithelial cells are stimulated with interleukin-13, and obstructive pulmonary disease; (c) a kit for screening for chronic obstructive pulmonary disease; (1) an animal model for bronchial asthma or chronic obstructive pulmonary disease; (2) a minducer that induces bronchial asthma in a mouse; (5) a manker gene or an animal model for bronchial asthma or chronic obstructive pulmonary disease; (c) a marker gene or an antisense nucleic acid corresponding to a portion of the marker gene or an antisense nucleic acid corresponding to a portion of the marker gene or an antisense nucleic acid corresponding to a portion of the marker gene or an antisense nucleic acid corresponding to a portion of the marker gene, a ribozyme, a polynucleotide that suppresses the probe has been immobilised to assay a marker gene; on which a probe has been immobilised to assay a marker gene, on the describing for a therapeutic agent for bronchial asthma or chronic obstructive pulmonary disease, on which a probe has been immobilised to assay a marker gene, and the present for certing for or screening for a therapeutic agent for bronchial asthma or chronic obstructive pulmonary disease. The present corresponding of the present invention of th
                                                                                                                                                                                                         ing for bronchial asthma or chronic obstructive pulmonary disease by aring the expression level of a marker gene in a biological sample a subject with the expression level of the gene in a sample from a
                                                                                                          Izuhara K;
                                                                                                       Nagai H,
                                                                                                                                                                                                                                                                                                                                                   Example 11; SEQ ID NO 680; 241pp; English
                                                                                                          Kubo H,
                                                                                                          Yamaya M,
20-MAR-2003; 2003JP-00077212.
                                                                                                       Sugita Y,
                                                     (GENO-) GENOX RES INC
                                                                                                                                                               WPI; 2004-193155/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Seguence 925 AA;
                                                                                                                                                                                                                                                                                                   healthy subject.
                                                                                                                                                                                                                  Testing for comparing (from a sub)
                                                                                                          Ohtani N,
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Gaps ö Score 28; DB 8; Length 925; Pred. No. 6.9e+02; 1; Mismatches 0; Indels 96.6%; 5; Conservative Query Match Best Local Similarity Matches

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RESULT 43

Marker gene related amino acid sequence SEQ ID NO:747.

asthma; chronic obstructive pulmonary disease; ry epithelial cell; interleukin-13; respiratory; antiasthmatic; gene therapy; marker. bronchial

Homo sapiens EP1394274-A2

ADJ75495 standard; protein; 925 AA. 20-MAY-2004 (first entry)

antipsoriatic; gene therapy; psoriasis; diagnosis. Antipsoriatic protein sequence #610. 01-JUL-2004 (first entry) **XXXXXXXXX**

correpresent invention describes a method of the brings determining the expression level of a marker gene in a biological sample from a subject, comparing the expression level determined with the expression level of a marker gene in a biological sample from a subject, comparing the expression level determined with the expression level of the marker gene in a biological sample from a healthy comparing whether the subject has bronchial asthma or chronic obstructive pulmonary disease. The marker gene comprises: (a) a group of genes (S1) whose expression levels increase when respiratory epithelial cells are stimulated with interleukin-13; or (b) a group of genes (S2) whose expression levels decrease when respiratory epithelial cells are stimulated with interleukin-13; and (b) a group of genes (S2) whose expression levels decrease when respiratory epithelial cells are stimulated with interleukin-13; also described: (1) a reagent (1) for testing for bronchial asthma or chronic obstructive pulmonary disease; (2) a kit for screening for a candidate compound for a therapeutic agent (c) a mannal model for bronchial asthma or chronic obstructive pulmonary disease; (4) an inducer that induces bronchial asthma in a mouse; (5) a marker gene or an antisense nucleic acid corresponding to a portion of asthma or chronic obstructive pulmonary disease, comprising the compound, a marker gene or an antisense, a polynucleotide that suppresses the expression of the gene through an RNAi effect or an antibody recognising core probe has been immobilised to assay a marker gene, and (7) a DNA chip for testing for core pronchial asthma or a chronic obstructive pulmonary disease, on which a probe has been immobilised to assay a marker gene, and can be used in gene therapeutic agent for bronchial asthma or chronic obstructive pulmonary disease. The method is useful for testing for or screening for a therapeutic agent invention.

C sequence is used in the exemplification of the present invention. Testing for bronchial asthma or chronic obstructive pulmonary disease by comparing the expression level of a marker gene in a biological sample from a subject with the expression level of the gene in a sample from a present invention describes a method of testing for bronchial asthma Izuhara K; Nagai H, Example 11; SEQ ID NO 747; 241pp; English. Kubo H, Yamaya M, 06-AUG-2002; 2002JP-00229312. 20-MAR-2003; 2003JP-00077212. (GENO-) GENOX RES INC. Sugita Y, WPI; 2004-193155/19. Sequence 925 AA; nealthy subject. Ohtani N,

Length 925; 0; Indels Score 28; DB 8; I Pred. No. 6.9e+02; 1; Mismatches 0; 96.6%; 5; Conservative Query Match Best Local Similarity Matches

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Gaps

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292 KWVFFA 297 ė 1 KIVFFA

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ADN04860 standard; protein; 925 AA. ADN04860; ADN04860

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                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                        The invention relates to novel polynucleotide and polypeptides for treating psoriasis or a sequence having at least 80% identity to the above sequences. The nucleic acid is useful for preparing a composition for diagnosing or treating psoriasis in a mammal. This sequence corresponds to one of the polypeptides of the invention.
                                                                                                                                                           Schoenfeld J, Williams PM, Wood WI;
                                                                                                                                                                                                                               New PRO nucleic acid or polypeptide, useful for preparing a pharmaceutical composition for diagnosing or treating psoriasis in a
                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                        Score 28; DB 8; Length 925;
Pred. No. 6.9e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human NF-kappaB pathway-associated protein SeqID234.
                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Mismatches
                                                                                                                                                                                                                                                                                 Claim 9; SEQ ID NO 1254; 3069pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADR14233 standard; protein; 925 AA.
                                                                                                                                                          Bodary S; Clark H, Jackman J,
                                                                                   25-SEP-2003; 2003WO-US030907.
                                                                                                                                                                                                                                                                                                                                                                                                         96.6%;
                                                                                                          25-SEP-2002; 2002US-0414006P
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                                                                                                                                                                                                                                                                                                                                                                                                                                 5; Conservative
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                                                                                                                                  (GETH ) GENENTECH INC
                                                                                                                                                                                             WPI; 2004-305105/28.
N-PSDB; ADN04859.
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292 KWFFA 297
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Best Local Similarity
Matches 5; Conserv
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                                   WO2004028479-A2.
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 925 AA;
            Homo sapiens.
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                                                            08-APR-2004
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                                                                                                                                                                                                                                                           mammal.
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This invention relates to the novel association of protein sequences (and the genes which encode them) to the NF-kappaB pathway. The invention may be useful for the production of compounds with an antininflammatory, cytostatic, hepatotropic, virucide, antiarteriosclerotic, antininflammatory, cytostatic, hepatotropic, virucide, antiarteriosclerotic, antininflammatory, cytostatic, carboroprotective, vasotropic, immunosuppressive or ulmerary activity or for gene therapy. The proteins and nucleotides are useful for diagnosing, preventing, treating, or ameliorating conditions or diseases associated with the NF-kappaB pathway. The condition is an immune disorder, an inflammatory disorder. The inflammatory disorder in inflammatory disorder in inflammatory disorder in inflammatory disorders. As the protein and disorder in inflammatory disorder in inflammatory disorders, inmunodeficiency, viral infection, host cell cetodermal dysplasia, X-linked anhidrotic cetodermal dysplasia, viral inflammatory cetodermal dysplasia, inmunodeficiency, viral inflammatory consurvival, evasion of immune responses, rheumatoid arthritis, inflammatory bowel disease, colitis asthma, atherosclerosis, cachexia, euthyroid sick syndrome, stroke, EAE, autoimmune disorders, disorders related to aberrant acute phase responses, hypercongenital conditions, birth defects, necroic lesions, wounds, crajection, disorders related to aberrant signal transplant rejection, conditions related to organ transplant conditions prelated to organ transplant conditions prelated to organ transplant conditions conditions related to aberrant signal transduction, with the novel association with the NP-kappaB pathway of the invention Note This sequence does not appear in the specification but
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New isolated polynucleotides and polypeptides associated with NF-kappaB pathway, useful for diagnosing, treating, or preventing disorders or diseases associated with NF-kappaB pathway.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRO; antiinflammatory; antiarthritic; antirheumatic; immunosuppressive;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   osteopathic, antidiabetic, dermatological; antipsoriatic, antiallergic; antiasthmatic; hepatotropic; respiratory; gene therapy; immune system.
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Pred. No. 6.9e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                      Carman J;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 was obtained by the indexer from Genbank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 6; SEQ ID NO 234; 237pp; English.
                                                                                                                                                                                                                                                                                                      Feder JN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADP25011 standard; protein; 925 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       96.6%; Scor.
83.3%; Pred
1; h
                                                                                                                                                                                                                                (BRIM ) BRISTOL-MYERS SQUIBB CO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRO polypeptide SEQ ID NO:2189.
                                                               13-JAN-2004; 2004WO-US000798
                                                                                                                              14-JAN-2003; 2003US-0440068P.
12-MAY-2003; 2003US-0469757P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (first entry)
                                                                                                                                                                                                                                                                                                      Neubauer MG,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5; Conservative
                                                                                                                                                                                                                                                                                                                                                                  WPI; 2004-562168/54.
N-PSDB; ADR14232.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    KVVFFA 297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 KIVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          18-NOV-2004
05-AUG-2004.
                                                                                                                                                                                                                                                                                                   Nadler SG,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADP25011;
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WO2004065577-A2.

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Human RIG-I-DEAD/H box protein, an apoptosis related target Seq
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             N-PSDB; ADR97293.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 925 AA;
                                                                                                                                                                                                     WO2004078783-A2.
                                                                                                                                                          Homo sapiens
                                                                                                                                                                                                                                                         6-SEP-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Murphy FJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAR77360;
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            2X2X5X5X5XXXXX
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The invention relates to a novel isolated nucleic acid and the PRO polypeptide encoded by it. A protein of the invention has antidiable to demachase to mininflammatory, antiarthritic, anticheumatic, immunosuppressive, careignathic, antidiabletic, demachological, antipsoriatic, antidiabletic, demachological, antipsoriatic, antidiabletic, demachological, antipsoriatic, antidiabletic, and separatory activity. A polymucleotide of the invention may have a use in gene therapy. The PRO polypeptide, its agonist, antagonist, or antibody that specifically binds to the compact of juvenil experimental antimumer related disorder such as pystemic lupus erythematosus, rheumatoid arthritis, osteoarthritis, cystemic systemic systemic arthritis, a spondyloarthropathy, systemic sclerosis, andiopathic inflammatory myopathy, Sjogren's syndrome, systemic construction, indiopathic demyelinating polymeuropathy, Guillain-Barre syndrome, a chronic inflammatory demyelinating polymeuropathy, a hepatobiliary confinence or antidemume chronic active hepatitis, primary confinence or immune-mediated skin disease, a sthma, allergic rhinitis, atopic dermatitis, pooriasis, an allergic chimitis, atopic dermatitis, pooriasis, an allergic configuration inflammatory, thyroxeanci; torus, thyr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               eosinophilic pneumonia, idiopathic pulmonary fibrosis, hypersensitivity pneumonitis, a transplantation associated disease, graft rejection or graft-versus-host disease. The present sequence represents a PRO protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 New PRO polypeptides and polynucleotides, useful for treating e.g. erythematosus, rheumatoid arthritis, diabetes mellitus, immune-mediated renal disease, or demyelinating diseases of the central or peripheral
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                      Wood WI;
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0
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                                                                                                                                                                                                                                                                                                                                 Clark H, Schoenfeld J, Van Lookeren M, Williams PM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 7; SEQ ID NO 2189; 2940pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADR97294 standard; protein; 925
                                                                                                                                                                                              30-OCT-2003; 2003WO-US034312.
                                                                                                                                                                                                                                         01-NOV-2002; 2002US-0423394P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        02-DEC-2004 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5; Conservative
                                                                                                                                                                                                                                                                                          (GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                292 KWVFFA 297
                                                                                                                                                                                                                                                                                                                                                                                                                   WPI; 2004-419628/39
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Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 KIVFFA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                             N-PSDB; ADP25010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 925 AA;
                                                                                               WO2004041170-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nervous system
                                              Unidentified.
                                                                                                                                               21-MAY-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADR97294;
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This invention relates to novel agents that modulates the function of thuman apoptosis-associated proteins specified within the specification. C human apoptosis-associated proteins specified within the specification. Specifically, it refers to a method for the identification of target correlated with an early stage in the certains of apoptosis. The present invention describes a method of regulation of apoptosis. The present invention describes a method of contacting either candidate agents or control agents to the target genes and assessing the difference of binding and inhibitory activity, where the candidate agent is selected from a low molecular weight organic molecule, an antibody or fragment thereof, an antisense oligonuclectide, a small inhibitory dsRNA, or a ribozyme. As such, the compositions and contends are useful for diagnosing and treating diseases or conditions associated with abnormal apoptosis in mammalian tissue, such as cancer, inflammation, autoimmune or neurodegenerative disorders. Accordingly, they exhibit cytostatic, antinflammatory, immunosuppressive and control and activities. These may also be used for drug screening propression is modulated by novel agents of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Identifying an agent that modulates the function of an apoptosis-
associated polypeptide, useful for diagnosing or treating e.g. cancer,
comprises comparing the binding of the polypeptide to the candidate agent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
human; enzyme; apoptosis; cancer; inflammation; autoimmune;
neurodegenerative disorder; cytostatic; antiinflammatory;
immunosuppressive; neuroprotective; gene therapy; RIG-I-DEAD/H box.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 925;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 28; DB 8; Length 925
Pred. No. 6.9e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Seera L;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hayes I,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Inducible nitrogen monoxide synthase.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ₩,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Claim 1; SEQ ID NO 2; 304pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAR77360 standard; protein; 1144 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Keating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (EIRX-) EIRX THERAPEUTICS LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               96.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             07-MAR-2003; 2003GB-00005267.
                                                                                                                                                                                                                                                                                                                                                                                   05-MAR-2004; 2004WO-GB000957.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sheehan DE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   and to a control agent.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2004-662402/64.
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Best Local Similarity
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RESULT 47 ADR97294

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Gaps

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The invention relates to antisense compounds, especially oligomucleotides, which are targeted to a nucleic acid encoding inducible nitric oxide synthase and which specifically hybridise to and modulate expression of inducible nitric oxide synthase. The antisense compounds have immunomodulator, antidiabetic, cardiovascular, cardiant, neuroprotective, disorder and vasotropic activity. The antisense oligomucleotides are useful for inhibiting the expression of inducible nitric oxide synthase in cells or tissues. In particular, the antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New antisense oligonucleotides for modulating the expression of inducible nitric oxide synthase in cells or tissues, particularly useful for treating e.g. immunological, cardiovascular or neurological disorders, or
                                                                                                                The invention relates to two DNA molecules encoding inducible nitric oxide synthase (iNOS) proteins, where the DNA molecules comprise defined sequences of 4041 and 4165 base pairs given in the specification and the proteins have 1144 amin acids. Also claimed are expression vectors containing the DNA molecules, and recombinant host cells containing the vectors. The DNA molecules are useful for producing the recombinant proteins. The present sequence represents inducible nitric oxide, long isoform. (Updated on 25-MAR-2003 to correct PF field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Antisense oligonucleotide; inducible nitric oxide synthase; modilate expression; immunomodulator; antidiabetic; cardiovascular; cardiant; neuroprotective; vasotropic; ischaemia; reperfusion injury; 2'-0-methoxyethyl; phosphorothioate; mouse.
                    DNA encoding inducible nitric oxide synthase proteins - useful for producing recombinant proteins.
                                                                                                                                                                                                                                                                                                                                        Length 1144;
                                                                                                                                                                                                                                                                                                                     Score 28; DB 2; Ler
Pred. No. 8.5e+02;
                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Example 17; Page 110-114; 144pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mouse inducible nitric oxide synthase 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAG64500 standard; protein; 1144 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Cowsert LM;
                                                                           Claim 1; Col 25-32; 39pp; English
                                                                                                                                                                                                                                                                                                                                      96.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      15-JAN-2001; 2001WO-US001381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24-JAN-2000; 2000US-00490208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       02-OCT-2001 (first entry)
                                                                                                                                                                                                                                                                                                                                                                               5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (ISIS-) ISIS PHARM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Bennett CF, Dean NM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2001-465340/50.
                                                                                                                                                                                                                                                                                                                                                                                                                                                  514 KVVFFA 519
                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                 Sequence 1144 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                 1 KIVFFA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAG64500;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 50
AAG64500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Inducible nitrogen monoxide synthase (iNOS) was isolated from mice, and is encoded by AAQ94252. iNOS is homodimer with a mol. wt. of 130 kDA per subunit. The activity of iNOS is independent of calmodulin and cellular calcium levels. Vectors contq. the DNA are used in the treatment or prevention of vascular diseases, high blood pressure, arteriosclerosis, stenosis or restenosis of blood vessels, esp. coronary vessels after percutane transluminal coronary angioplasty. See AAR77363 and AAR77362 for endothelial and brain-derived NOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Inducible nitric oxide synthase; iNOS; recombinant protein; cDNA library;
                                                                                                                                                                                                                                                                                                                                   Eukaryotic expression vector for nitrogen-mon:oxide synthase gene -useful in the treatment and prevention of diseases of blood vessels by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 28; DB 2; Length 1144; Pred. No. 8.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Inducible nitric oxide synthase, long isoform.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Nathan CF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                               Claim 5; Fig 1; 28pp; German.
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                                                                                                                    94DE-04411402
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (revised)
                                                                                                                                                                                                                                                                        WPI; 1995-345550/45.
N-PSDB; AAQ94252.
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N-PSDB; AAV07247.
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                                                                                                                                                                                              (SCHR/) SCHRADER J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 5; Conserv
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Mus musculus.
                                                                                                                                                     31-MAR-1994;
                                      DE4411402-A1
                                                                                                                31-MAR-1994;
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                                                                                                                                                                                                                                     Schrader J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25-MAR-2003
12-AUG-1998
                                                                           05-OCT-1995
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Query Match

AAW51246

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isoform Mus sp.

oligonucleotides are useful for treating diseases or disorders associated with inducible nitric oxide synthase, e.g. diabetes, immunological disorder, cardiovascular disorder, neurological disorder or ischaemia/reperfusion injury. The antisense oligonucleotides are also useful. for research and diagnostics. The present sequence is that of mouse inducible nitric oxide synthase 888888888

Sequence 1144 AA;

0; Gaps Query Match

96.6%; Score 28; DB 4; Length 1144;
Best Local Similarity 83.3%; Pred. No. 8.5e+02;
Matches 5; Conservative 1; Mismatches 0; Indels

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|:|||| 514 KVVFFA 519 1 KIVEFA 6

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Search completed: March 9, 2005, 06:27:25 Job time : 65.9452 sec8

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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OM protein - protein search, using sw model

March 9, 2005, 06:11:36 ; Search time 16.0274 Seconds (without alignments) 27.946 Million cell updates/sec Run on:

US-10-009-122-1 29 1 KIVFFA 6 Title: Perfect score: Sequence: BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

513545 segs, 74649064 residues Searched:

513545 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries

Database :

Issued Patents AA:*

(cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
(cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
(cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
(cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
(cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
(cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
(cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:* 4 .C .e

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence 1, Appli	10,	6		69		12,	7	'n	Sequence 5, Appli	12	ο,	35,	6	3,	Sequence 11, Appl	14,	7,	ဗို		13,	7	18,	13	14,	'n	Sequence 1, Appli
SUMMARIES	ID	US-09-747-408-1	US-09-747-408-10	US-09-747-408-9	US-09-747-408-17	US-09-513-999C-6921	US-08-147-812-5	US-08-319-866-12	US-09-123-708-2	US-09-123-624-2	US-09-661-258-5	US-08-809-917-12	US-08-612-785B-9	US-08-703-675C-32	US-08-617-267C-9	US-09-747-408-3	US-09-747-408-11	US-08-127-904-14	US-08-612-785B-7	US-08-703-675C-30	US-08-617-267C-7	US-09-264-709A-13	US-09-747-408-2	US-09-747-408-18	US-09-747-408-19	PCT-US94-10475-14	US-08-612-785B-5	US-08-630-645-1
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	Score	29	29	28	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
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Sequence 28, Appl	e 44,	-1	e 1,	64,	200	'n	equence 20,	21,	equence 22,	23,	equence 24,	equence 20,	21,	equence 22,	equence 23,	eguence 24,	20,	21,	22,	23,	24,	equence 14,	14,	equence 9,	equence 25,	e 14,	equence 5,	equence 14,	equence 37,	equence 14,	equence 56,	equence 57,	equence 58,	ò	equence 61,	•
US-08-703-675C-28	US-09-095-106A-	US-08-766-596A-	PCT-US96-1	US-08-766-596A-	US-09-747-408-2	US-08-970-	US-09-724-961-	US-09-724-	US-09-724-961-2	US-09-724-96	US-09-724-961-2	US-09-580-018-2	US-09-580-018-2	US-09-580-018-	US-09-580-018-2	US-09-580-018-2	US-09-724-551-	US-09-724-551-2	US-09-724-551-2	US-09-724-551-	US-09-724-551-2	US-08-630-645-1	US-08-766-	US-09-9	US-09-988-842-	PCT-US96-10220	US-09-594-36	US-08-612-785B-1	US-08-612-785B-	US-08-617-267C-1	US-08-766-59	US-08-766-596A-5	US-08-766-5	US-08-766-596A-	US-08-766-596A-	US-08-766-596A-63
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28	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	20	51	25	53	54	55	26	57	28	59	09	61	62	63	64	65

ALIGNMENTS

; 0 100.0%; Score 29; DB 4; Length 6; 100.0%; Pred. No. 4.1e+05; ative 0; Mismatches 0; Indel8 6; Conservative ; TYPE: PRT ; ORGANISM: Homo sapiens US-09-747-408-1 Query Match Best Local Similarity Matches 6; Conserv LENGTH: 6

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Gaps

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| Sequence 6921, Application US/09513999C
| Sequence 6921, Application US/09513999C
| Patent No. 6783961
| APPLICANT: Dunas Milne Edwards, J.B.
| APPLICANT: Dunas Milne Edwards, J.B.
| APPLICANT: Glordano, J.Y.
| TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
| Patent No. 6783961
| FILE REFERENCE: 59.US2.REG
| CURRENT APPLICATION NUMBER: US/09/513,999C
| CURRENT FILING DATE: 1999-02-24
| PRIOR FILING DATE: 1999-02-26
| NUMBER OF SEQ ID NOS: 36681
| SEQ ID NO 6921
| LEARTH: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Xie, Qiao-wen
APPLICANT: Xie, Qiao-wen
APPLICANT: Nathan, Carl F.
APPLICANT: Mumford, Richard A.
APPLICANT: Mumford, Richard A.
APPLICANT: Calaycay, Jimmy Ramos
TILE OF INVENTION: DNA Encoding Inducible Nitric Oxide Synthase
NUMBER OF SEQUENCES: 6
CORRESPONDRICE ADDRESS:
ADDRESSEE: APECK & Co., Inc.
STREET: 126 East Lincoln Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 77;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 96.6%; Score 28; DB 4; Best Local Similarity 83.3%; Pred. No. 22; Matches 5; Conservative 1; Mismatches (
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION UMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PRESEQ for Windows Version 4.0
SEQ ID NO 17
LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 6
US-08-147-812-5
Sequence 5, Application US/08147812
; Patent No. 5766909
                                                                                                                                                                                                                                                                                   96.6%;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.5
Perion 5; Conservative
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CITY: Rahway
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: Homo sapiens
US-09-513-999C-6921
                                                                                                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
US-09-747-408-17
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US-GQUENCE 9, Application US/09747408
EAGUENCE 0670399
GENERAL INFORMATION:
APPLICANT: Green, Allan M.
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: US/09/747,408
CURRENT FILING DATE: 2000-12-22
FRIOR APPLICATION NUMBER: 05/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR PILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTHARE: FASTERE 1999-12-23
SOFTHARE: FASTERE OF Windows Version 4.0
SEQ ID NO 9
LENGTH: 6
                                                                                                                                                APPLICANT: Grevais, Francine
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT APPLICATION NUMBER: 60/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 96.6%; Score 28; DB 4; Length 6; 83.3%; Pred. No. 4.1e+05; ive 1; Mismatches 0; Indels
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Patent No. 6670399
GENERAL INFORMATION
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
                                                                              ; Sequence 10, Application US/09747408; Patent No. 6670399; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 83...
S. Conservative
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Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens
US-09-747-408-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-747-408-10
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US-09-747-408-17
                                                                  US-09-747-408-10
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US-09-747-408-9
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| Facell NO. 01499346
| GENERAL INFORMATION:
| APPLICANT: SCHRADER, Jurgen
| APPLICANT: GODECKE, Axel
| TITLE OF INVENTION: DNA EXPRESSION VECTORS FOR USE IN THE GENE THERAPEUTIC
| TITLE OF INVENTION: TREATMENT OF VASCULAR DISORDERS
| FILE REPERENCE: 511169-2004
| CURRENT FILING DATE: 1998-07-28
| CURRENT FILING DATE: 1998-07-28
| PRIOR PILING DATE: 1998-03-01
| PRIOR FILING DATE: 1994-03-01
| PRIOR FILING DATE: 1994-03-01
| PRIOR FILING DATE: 1994-03-01
| NUMBER OF SEQ ID NOS: 6
| SOFTWARE: PATENTIN VOR: 2.1
| SEC ID NO. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/09123708

Sequence 2, Application US/09123708

Patent No. 6146887

GENERAL INFORMATION:

APPLICANT: SCHRADER, Juergen

APPLICANT: OCEDECKE, Axel

TITLE OF INVENTION: DNA EXPRESSION VECTORS FOR USE IN GENE THERAPEUTIC

TITLE OF INVENTION: DNA EXPRESSION VECTORS FOR USE IN GENE THERAPEUTIC

TITLE OF INVENTION: TREATMENT OF VASCULAR DISORDERS

FILE REFERENCE: 511169-2003

CURRENT FILING DATE: 1998-07-28

EARLIER APPLICATION NUMBER: 08/53,503

BARLIER FILING DATE: 1996-03-01

BARLIER FILING DATE: 1996-03-01

BARLIER FILING DATE: 1996-03-01

BARLIER FILING DATE: 1996-03-01

SERLIER PLOSS: 6

SOFTWARE: PATENTING DATE: 1096-03-01

SEQ ID NOS: 6

SOFTWARE: PATENTING VET: 2.0
                                                                                                                                                                 Score 28; DB 2; Length 1144; Pred. No. 3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 28; DB 3; Length 1144;
Pred. No. 3e+02;
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                                                                                                                                                                                                                       1; Mismatches
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Patent No. 6149936
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
                                                                                                                                                                         96.6%;
                                                                                                                                                                      Query Match
Best Local Similarity 83.3
Matches 5, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; LENGTH: 1144
; TYPE: PRT
; ORGANISM: Cytomegalovirus
US-09-123-708-2
                                                                ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-319-866-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: FPRT COGANISM: Mus musculus US-09-123-624-2
                       TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                   514 KWYFFA 519
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APPLICANT: Tully, Timothy P.
APPLICANT: Tully, Timothy P.
APPLICANT: Tully, Timothy P.
APPLICANT: Tully, Timothy P.
APPLICANT: Regulaki, Michael
TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF GENES
TITLE OF INVENTION: ASSOCIATED WITH LONG-TERM MEMORY
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS: 34
CORRESPONDENCE ADDRESS: 4
CORRESPONDENCE ADDRESS: 4
CORRESPONDENCE ADDRESS: 5
STREET: Two Militia Drive
CITY: Lexington
STRREET: Massachusetts
COUNTR: Massachusetts
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CORPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: 1 PAPLICATION DATA:
APPLICATION NUMBER: US/08/319,866
FILING DATE: 7-OCT-1994
CLASSIFICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1; Length 1144;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
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Pred. No. 3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
               OPERATING SYSTEM: Macintosh 7.0.1
SOFTWARE: Microsoft Word 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/147,812
FILING DATE: No. 5766909 Available
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION ON DATA:
APPLICATION DATA:
APPLICATION NUMBER: 07/841,641
FILING DATE: 02-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Wallen, John W III
REGISTRATION NUMBER: 35,403
RERERENCE/DOCKET NUMBER: 186581A
TELECOMUNICATION INFORMATION:
TELEPHONE: (908) 594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 12, Application US/08319866
Patent No. 5929223
Macintosh Centris650
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ATTORNEY/AGENT INFORMATION:
NAME: GFAIGHAI, PERLICIA
REFERENCE/DOCKET NUMBER: 32,227
REFERENCE/DOCKET NUMBER: CSHL
TELEPHONIC (AIT) 861-6240
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (908) 594-3905
TELEFAX: (908) 594-4720
TELEX: 138825
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1144 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear
US-08-147-812-5
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US-08-319-866-12
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Gaps

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us-10-009-122-1.rai

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TOPOLOGY:
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                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Stuehr, Dennis J.
APPLICANT: Stuehr, Dennis J.
APPLICANT: Adak, Subrata
TITLE OF INVENTION: Nucleic Acids Encoding Nitric Oxide Synthase Variants
FILE REPERENCE: 26473/04028
CURRENT APPLICATION NUMBER: US/09/661,258
CURRENT FILING DATE: 2000-09-13
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
                                             Gaps
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Score 28, DB 3; Length 1144;
Pred. No. 3e+02;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: APPLICANT
TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF GENES
TITLE OF INVENTION: ASSOCIATED WITH LONG-TERM MEMORY
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZOPINITE READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
GURRANT APPLICATION DATA:
APPLICATION NUMBER: US/08/809,917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 28;
Pred. No. 3
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APPLICATION NUMBER: US 08/361,063
FILING DATE: 21-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/319,866
FILING DATE: 07-0CT-1994
ATTONING DATE: NAME: Granbhan, Patricia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION:
PRICR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/13198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 12, Application US/08809917
Patent No. 6689557
                                                                                                                                                                                                 US-09-661-258-5
; Sequence 5, Application US/09661258
; Patent No. 6620616
    96.68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               96.6%;
83.3%;
Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT
; ORGANISM: Mus musculus
US-09-661-258-5
                                                                                                        |:||||
514 KVVFFA 519
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514 KVVFFA 519
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APPLICANT:
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LENGTH: 1144
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION BATA:
APPLICATION WHERE: US/SN 08/404,831
FILING DATE: 14-WAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: CSHL94-03A2 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPHONE: (617) 861-9540
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 1144 amino acids
TYPE: amino acids
STRANDENNES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 2;
                                                                                                                                                                                                                                                                                                                     1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUBER: PPI-002CP3
TELECOMMUNICATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              93.1%; Score 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: LAHIVE & COCKFIELD STREET: 28 State Street, Suite 510 CITY: Boston STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                              96.6%;
                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                   ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-809-917-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; MOLECULE TYPE: peptide US-08-612-7858-9
                                                                                                                                                                                                                                                                                                                                                                                    |:||||
514 KVVFFA 519
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Sequence 3, Application US/09747408
; Patent No. 6670399
; GENERAL INFORMATION:
; APPLICANT Green, Allan M.;
; APPLICANT Green, Allan M.;
; TILE OF INVENTION: Compounds And Methods For Modulating;
TILLE OF INVENTION: Cerebral Amyloid Angiopathy
; FILE REFERENCE: NBI-088
; CURRENT APPLICATION NUMBER: US/09/747,408
; CURRENT FILING DATE: 1999-12-22
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID.NG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 6;
    Findeis, Mark A. et al.

WENTION: Modulators of Amyloid Aggregation
                                                                                                                                    COUNTRY: BOSACHUSETTE COUNTRY: BOSACHUSETTE COUNTRY: USA

ZIF: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PIEM PC-DOS/MS-DOS
SOFTWARE: PATENTIN FELENSE #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
PRIOR APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
RIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4.1e+05;
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Pred. No. 4.1e+05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Mismatches
                 TITLE OF INVENTION: Modulators of Amy
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
STRESSES: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 31,503
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           93.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens
US-09-747-408-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 KIVFFA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1:||||
1 KLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-747-408-3
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                       Gaps
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0
    Pred. No. 4.1e+05;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
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Pred. No. 4.1e+05;
                                                                                                                                                                                            Sequence 32, Application US/08703675C
Patent No. 6303567
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 2-404-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
RIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/616,081
FILING DATE: 14-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kara, Catherine J.
NAME: Kara, Catherine J.
TELECOMMUNICATION NUMBER: PPI-016CP2
REFERENCE/DOCKET NUMBER: PPI-016CP2
TELECOMMUNICATION NUMBER: PPI-016CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 9, Application US/08617267C; Patent No. 6319498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         93.1%;
  83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (617) 227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 83.3.
Best Local Similarity 83.3
Matches 5; Conservative
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US-08-703-675C-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
                                                              1 KIVFFA 6
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                                                                                     KLVFPA
                                                                                                                                                              RESULT 13
US-08-703-675C-32
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US-08-617-267C-9
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Harewith
CLASSIFICATION S14
PRIOR APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTONEY/AGENT INPORMATION:
NAMR: DACART INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         93.1%; Score 27; DB 2;
83.3%; Pred. No. 4.1e+05;
tive 1; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: DeConti, Giulio A. REGISTRATION NUMBER: 31,503 REFERENCE/DOCKET NUMBER: PP. TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                            93.1%;
83.3%;
                 TELEPHONE: (202) 783-6040 TELEFAX: (202) 783-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (617)227-7400
                                                     TELEX: NO. 5470951e
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                              Query Match 93.1
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                       TYPE: Amino Acid
STRANDEDNESS:
TOPOLOGY: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 5; Conserv
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1 KLVFFA 6
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                                                                                                                                                                                                       US-08-127-904-14
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US-08-612-785B-7
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                                             Gaps
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                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Green, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTHARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 6
Score 27; DB 4; Length 6; Pred. No. 4.1e+05; 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            93.1%; Score 27; DB 4; Length 6; 83.3%; Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Eugene Roberts
TITLE OF INVENTION: Method For Antagonizing
TITLE OF INVENTION: Amnestic Effects of Amyloid n
TITLE OF INVENTION: Protein and Improving the
TITLE OF INVENTION: Quality of Life in Individuals
TITLE OF INVENTION: With Alzheimer Disease
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESSS:
ADDRESSEE: City of Hope
STREET: 1500 East Duarte Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Duarte
STATE: California
COUNTRY: United States of America
ZIP: 91010-0269
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4" diskette
COMPUTER: Wang PS
OPERATING SYSTEM: MS DOS Version 3.20
SOFTWARE: Microsoft
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA: No. 5470951e
ATTORNEY/AGENT INFORMATION:
NAME: Irons, Edward S.
REGISTRATION NUMBER: 16,541
REFERENCE/DOCKET NUMBER: No. 5470951e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Microsoft
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/127,904
FILING DATE: 29 September 1993
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14, Application US/08127904
Patent No. 5470951
GENERAL INFORMATION:
                                                                                                                                                                                                       US-09-747-408-11
; Sequence 11, Application US/09747408
; Patent No. 6670399
    93.1%;
83.3%;
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Best Local Similarity 83.3
Matches 5; Conservative
    Query Match
Best Local Similarity 83.3
Matches 5; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 KIVFFA 6
                                                                                                                      1 KLVFFA 6
                                                                                     1 KIVFFA 6
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US-08-127-904-14
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GENERAL INCORNATION:
APPLICANT: Roberts, Eugene
TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and
TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and
TITLE OF INVENTION: Improve the Quality of Life
FILE REPERBNCE: 2124-310
CURRENT APPLICATION NUMBER: US/09/264,709A
CURRENT FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: 08/797,782
PRIOR APPLICATION NUMBER: 08/797,782
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 7;
                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 10.55
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
FILING DATE: 14-MAR-1995
FILING DATE: 14-MAR-1995
FILING DATE: 07-JUN 1995
FILING DATE: 07-JUN 1995
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECONTI, Giulio A.
REGISTRATION NUMBER: 31.503
REFERENCE/DOCKET NUMBER: 31.503
REFERENCE/COCKET NUMBER: 31.503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                  CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/09264709A Patent No. 6320024
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                     STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , MOLECULE TYPE: peptide US-08-617-267C-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
US-09-264-709A-13
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 KIVFFA 6
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LENGTH: 7
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... 0; Indels
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Modulators of Amyloid Aggregation
                                                                                                                                                                                                                                      GENERAL INTEGRATION:
APPLICANT: Findeis, Mark A. et al.
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of -Amyloid Peptide
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: BOSLON
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 27-AUG-1996
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UNN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-CCT-1995
PRIOR APPLICATION NUMBER: USSN 08/616,081
FILING DATE: 14-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: KARA, CACHARING:
REGISTRATION NUMBER: 41,106
REFERENCE/DOCKET NUMBER: PPI-016CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                         Sequence 30, Application US/08703675C Patent No. 6303567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 7, Application US/08617267C Patent No. 6319498
GENERAL INFORMATION:
APPLICANT: Findels, Mark A. et all TITLE OF INVENTION: Modulators of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   93.1%;
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MOLECULE TYPE: peptide
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Matches 5; Conserv
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2 KLVFFA 7
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US-08-617-267C-7
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Gaps
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0
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating;
TITLE OF INVENTION: Cerebral Amyloid Angiopathy;
TITLE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408;
CURRENT APPLICATION NUMBER: 05/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 7;
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Pred. No. 4.1e+05;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Method For TITLE OF INVENTION: Method For TITLE OF INVENTION: Antagonizing Amnestic TITLE OF INVENTION: Effects of Amyloid n TITLE OF INVENTION: Effects of Amyloid n TITLE OF INVENTION: the Quality of Life TITLE OF INVENTION: in Individuals 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4"
MEDIUM TYPE: 41skette
COMPUTER: Wang PC
OPERATING SYSTEM: MS DOS Version 3.20
SOFTWARE: Microsoft
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/10475
FILING DATE: 16 September 1994
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA: U. S. Application PRIOR APPLICATION DATA: Serial No. PRIOR APPLICATION DATA: 08/127,904; filed PRIOR APPLICATION DATA: 29 September 1993 ATTORNEY/AGENT INFORMATION: REGISTRATION NUMBER: 16,541
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: None
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 626-3564 or 783-6030
TELEFAX: (202) 783-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: California COUNTRY: United States of America ZIP: 91010-0269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 14, Application PC/TUS9410475; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: None
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 83.3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
US-09-747-408-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 KIVFFA 6
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1 KLVFFA 6
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CITY: Duarte
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PCT-US94-10475-14
                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
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US-09-747-408-18

i Sequence 18

sequence 18. Application US/09747408

i Ratent NO. 6670399

i GENERAL INFORMATION:

APPLICANT: Green, Allan M.

ITILE OF INVENTION: Compounds And Methods For Modulating

TITLE OF INVENTION: Cerebral Amyloid Angiopathy

FILE REFERENCE: NBI-088

CURRENT APPLICATION NUMBER: US/09/747,408

CURRENT APPLICATION NUMBER: 02/09/12-22

PRIOR FILING DATE: 1999-12-23

NUMBER OF SEQ ID NOS: 24

SOFTWARE: EsstSEQ for Windows Version 4.0

SEQ ID NO 18

LENGTH: 7
                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating;
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFRENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 7
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83.3%; Pred. No. 4.1e+05;
iive 1; Mismatches 0; Indels
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83.3%; Pred. No. 4.1e+05;
Live 1; Mismatches 0;
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US-09-747-408-19
Sequence 19, Application US/09747408
Patent No. 6670399
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                         Sequence 2, Application US/09747408
Patent No. 6670399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 83.3
Matches 5, Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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; ORGANISM: Homo sapiens
US-09-747-408-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
CORGANISM: Homo sapiens
US-09-747-408-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 KIVFFA 6
|:||||
2 KLVFFA 7
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Aggregation Comprising D-
                         GENERAL INFORMATION:

APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, MARC
APPLICANT: BAUMANN, MARC
APPLICANT: FRANCIONE, BLas
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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| Sequence 28, Application US/08703675C | Patent No. 6303567; Paten
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PATENTIN RELEASE #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/630,645 FILING DATE: CLASSIFICATION: 530 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/478,326 FILING DATE: 06-JUN-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 27; DB 2;
Pred. No. 4.1e+05;
1; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      93.1%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 93.1
Best Local Similarity 83.3
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                      STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 KLVFFA
Patent No. 5948763
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TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 27; DB 2; Length 8; Pred. No. 4.1e+05; 1; Mismatches 0; Indels
                                                                                                                                                 0; Indels
                                                                                     Score 27; DB 5; Length 7; Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM;
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 27-OCT-1995
ATPONEY/AGERT INFORMATION:
AAPPLICATION NUMBER: 27-OCT-1995
ATPONEY/AGERT INFORMATION:
AAPPLICATION NUMBER: 27-OCT-1995
ATPONEY/AGERT INFORMATION:
ANAME: AGAINTON
                                                                                                                                                 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Deconti, Giulio A.
REGISTRATION NUMBER: 31,503
REPERENCE/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/08612785B Patent No. 5854204
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US-08-630-645-1
; Sequence 1, Application US/08630645
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83.3%;
                                                                                     93.1%;
83.3%;
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                     Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; MOLECULE TYPE: peptide US-08-612-7858-5
Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                              1 KIVFFA 6
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PCT-US94-10475-14
TOPOLOGY:
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US-08-612-785B-5
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Gaps

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NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
TELECOMMUNICATION INPORMATION:
TELEPHONE: (617)227-7400
TELEPAX: (617)227-7941
INPORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                            LENGTH: 8 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-617-267C-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT; ORGANISM: Amyloidosis
US-09-095-106A-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |:||||
KLVFFA 8
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1 KLVFFA 6
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; Sequence 5, Application US/08617267C
; Patent No. 6119498
; GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
APPLICANT: Findeis, Mark A. et al.
APPLICANTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: 28 State Street
CITY: Moseachusetts
COUNTRY: USA
ZIP: O2109-1875
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC Compatible
FLOREWEW APPLICATION DATA:
CURRENT APPLICATION NATE:
FILING DATE: 14-MAR-1996
FRING APPLICATION NATE:
FRING APPLICATION NATE:
FRING APPLICATION NATE:
FRING APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   93.1%; Score 27; DB 3; Length 8; 83.3%; Pred. No. 4.1e+05; ive 1; Mismatches 0; Indels
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FILING DATE: 14-MAR-1995
PRICH APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING:DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                             FILING DATE: 27-AUG-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA: 1996
FILING DATE: 14-MAR-1995
FILING DATE: 14-MAR-1995
FILING DATE: 14-MAR-1995
FILING DATE: 07-UN-1995
FILING DATE: 07-UN-1995
FILING DATE: 27-CCT-1995
FILING DATE: 27-CCT-1995
FILING DATE: 14-MAR-1996
FILING DATE: 14-MAR-1996
FILING DATE: 17-CCT-1995
FILING DATE: 17-CCT-1995
FILING DATE: 14-MAR-1996
ATTORNEY/AGENT INFORMATION: NAWE: KARA, CACHATION NUMBER: 41,106
REFERENCE/DOCKET NUMBER: 91,106
REFIRENCE/DOCKET NUMBER: 91,106
                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 27-AUG-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 83.3
Matches 5; Conservative
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MOLECULE TYPE: peptide

US-08-703-675C-28
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3.KLVFFA 8
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RESULT 31

US-08-766-596A-1

US-08-766-596A-1

Sequence 1, Application US/08766596A

Patent No. 6462171

GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BANMANN, Marc
APPLICANT: ERANGIONE, Blas
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
                                                                                                                                                                                                                                                                           RESULT 30
US-09-085-106A-44
; Sequence 44, Application US/09095106A
; Sequence 44, Application US/09095106A
; Parent No. 6331440
; GENERAL INFORMATION:
    APPLICANT: NORISTEDT, Christer
    APPLICANT: THYBERG, Johan
    APPLICANT: THYBERG, Johan
    APPLICANT: THYBERG, Lars O.
    APPLICANT: THERRIC, Lars O.
    APPLICANT: TERRIUS, Lars O.
    PRICANT THYBER US (0/009,386
    PRIOR PLING DATE: 1998-06-10
    PRIOR PLING DATE: 1998-12-29
    PRIOR PLING DATE: 1998-12-29
    PRIOR PLING DATE: 1998-12-09
    NUMBER OF SEQ ID NOS: 44
    SOFTWARE: Patentin Ver. 2.0
    SEQ ID NO 44
    LENGTH: 8
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Query Match 93.1%; Score 27; DB 3; Length 8; Best Local Similarity 83.3%; Pred. No. 4.1e+05; Matches 5; Conservative 1; Mismatches 0; Indels
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93.1%; Score 27; DB 3; I
Best Local Similarity 83.3%; Pred. No. 4.1e+05;
Matches 5; Conservative 1; Mismatches 0;
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FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
FILING DATE: 10-APR-1996
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFISCOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
    US 08/630,645
               FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, ROGENT 25,618
REFERENCE/DOCKET NUMBER: 25,618
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-737-3528
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          202-737-3528
                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
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1 KLVFFA 6
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 33
US-08-766-596A-64
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TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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                                                                                            COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
FLING DATE: US/08/766,596A
FLING APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: US-APR-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: BROWNY AND NEIWARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10220
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
PILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
419 Seventh Street, N.W., Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                   ATJOURNEL AND ALLEN C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMUNICATION INFORMATION:
TELEFAX: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application PC/TUS9610220 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; MOLECULE TYPE: peptide US-08-766-596A-1
                   Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          amino acid
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                                                                                 20004
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                                                             COUNTRY:
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Sequence 64, Application US/08766596A
Septicant: Sorro-Jara, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: PRANGIONE, BLAS
TITLE OF INVENTION: DEPTILES AND PHARMACEUTICAL
TITLE OF INVENTION: ASSOCIATED WITH PROFIEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS: 69
CORRESPONDENCE ADDRESSE: BROWNY AND NEIMARK
STRRET: 419 Seventh Street, N.W., Suite 400
CONTY: Machington
CONTY: Machington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATR:
APPLICATION NUMBER: US/08/766,596A
SOTO-JARA=1 PCT
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REFERENCE/DOCKET NUMBER: 960
TELECOMUNICATION INFORMATION:
TELEPHONE: (414) 277-5709
TELEFAX: (414) 277-5709
TELEFAX: (414) 271-3552
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
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Best Local Similarity 83.5.
Conservative 5;
                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            KLVFFA 10
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US-09-724-961-20
                                                                                                                                                                                                                   US-08-970-833-3
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                                                                                                                                                                                                                                                                                 Sequence 20, Application US/09747408
; Sequence 20, Application US/09747408
; Patent No. 6670399
; GENERAL INFORMATION:
    APPLICANT: Geren, Allan M.
    APPLICANT: Geren, Allan M.
    APPLICANT: Geren, Allan M.
    TITLE OF INVENTION: Compounds And Methods For Modulating
    TITLE OF INVENTION: Cerebral Amyloid Angiopathy
    FILE REFERENCE: NB1-088
    CURRENT FILING DATE: 2000-12-22
    RICH APPLICATION NUMBER: 60/171,877
    PRIOR FILING DATE: 1999-12-23
    NUMBER OF SEQ ID NOS: 24
    SEQ ID NO 20
    LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/08970833
Patent No. 6022859
Patent No. 6022859
GENERAL INFORMATION:
APPLICANT: Kiessling, Laura L.
APPLICANT: Murphy, Regina M.
TITLE OF INVENTION: INHIBITORS OF BETA-AMYLOID TOXICITY
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0, Indels
                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 27; DB 4; Length 9; Pred. No. 4.1e+05:
                                                                                                        Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Quartes & Brady
ADDRESSEE: 411 East Wisconsin Avenue
STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
STATE: Wasconsin
COUNTRY: U.S.A.
ZIP: 53202-4497
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFRATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,833
ATITNE NATE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. 4.1e+05;
1; Mismatches 0;
                                                                                                      93.1%; Score 27; DB 4; I
83.3%; Pred. No. 4.1e+05;
iive 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Baker, Jean C.
REGISTRATION NUMBER: 35,433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
                                                                                                          Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                            TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 530
              single
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; ORGANISM: Homo sapiens
US-09-747-408-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |:||||
4 KLVFFA 9
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                                                                                                                                                                                    1 KIVFFA 6
                                                                                                                                                                                                               |:||||
2 KLVFFA 7
              STRANDEDNESS:
                                                        , MOLECULE TYP1
US-08-766-596A-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-970-833-3
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; Sequence 20, Application US/09724961
; Patent No. 6743427
; Patent No. 6743427
; Patent No. 6743427
; APPLICANT: Schenk, Dale B.
; APPLICANT: Schenk, Dale B.
; APPLICANT: Vasquez, Nicki
; TITLE OF INVANTION: Prevention and Treatment of Amyloidogenic Disease
; TITLE OF INVANTION: Prevention
; TITLE OF INVANTION: Prevention
; TITLE OF INVANTION: Prevention
; FILE REFERENCE: 152704-004750UC
; CURRENT FILING DATE: 2000-11-28
; PRIOR PILING DATE: 1999-05-28
; PRIOR PILING DATE: 1999-05-28
; PRIOR PILING DATE: 1998-11-30
; PRIOR PILING DATE: 1998-11-30
; PRIOR FILING DATE: 1998-12-02
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PATENTH: 10
; LENGTH: 10
; LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide CTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid CTHER INFORMATION: peptide)
US-09-724-961-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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83.3%; Pred. No. 5.1;
cive 1; Mismatches 0; Indels
DB 3; Length 10;
                                                      0; Indels
Score 27; DB 3
Pred. No. 5.1;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 37
US-09-724-961-21
'Sequence 21, Application US/09724961
'Patent No. 6743427
'GENERAL INFORMATION:
```

Gaps

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APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Sand, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Vasquez, Nicki
APPLICANT: Yednock, Tevention and Treatment of Amyloidogenic Disease
TILE REFERENCE: 15270J-004750UC
TILE REFERENCE: 15270J-004750UC
CURRENT PAPLICATION NUMBER: US/09/724,961
CURRENT FILING DATE: 2000-11-26
FRIOR APPLICATION NUMBER: US 09/580,015
FRIOR PILING DATE: 1999-05-28
FRIOR FILING DATE: 1999-05-28
FRIOR APPLICATION NUMBER: US 09/201,430
FRIOR PILING DATE: 1998-11-30
FRIOR PILING DATE: 1998-11-30
FRIOR PILING DATE: 1998-11-30
FRIOR FILING DATE: 1998-11-30
FRIOR PILING DATE: 1998-11-30
FRIOR PILING DATE: 1998-11-30
FRIOR PILING DATE: 1999-10-07
FRIOR FILING DATE: 1999-10-07
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Patent No. 6743427

GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Vagquez, Nicki
APPLICANT: Vadanck, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of CURRENT APPLICATION NUMBER: US/09/724,961

CURRENT APPLICATION NUMBER: US/09/724,961
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-09-724-961-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-09-724-961-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              93.1%; Score 27; DB 4; Length 10; 83.3%; Pred. No. 5.1; Live 1; Mismatches 0; Indels
                                                                                                                                                                                      DB 4; Length 10;
                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                  Score 27; DB 4
Pred. No. 5.1;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 23, Application US/09724961
Patent No. 6743427
                                                                                                                                                                                      93.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 23
LENGTH: 10
                                                                                                                                                                                                                                                              5; Conservative
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Best Local Similarity
Matches 5; Conserv
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Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                   1 KIVFFA 6
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                                                                               APPLICANT: Vagquez, NICA1
APPLICANT: Yadnock, Tac
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152707-004750UC
CURRENT APPLICATION NUMBER: US/09/724,961
CURRENT FILING DATE: 2000-11-28
PRIOR PLILING DATE: 2000-11-28
PRIOR PLILING DATE: 1999-05-26
PRIOR PLILING DATE: 1999-05-26
PRIOR PLILING DATE: 1999-05-28
PRIOR PLILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR PLILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-04-07
PRIOR PLILING DATE: 1998-04-07
PRIOR PLILING DATE: 1998-04-07
PRIOR PLILING DATE: 1998-04-07
PRIOR PLING DATE: 1998-04-07
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APPLICANT: Schenk, Daie B.
APPLICANT: Sachenk, Daie B.
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Vasquez, Nicki
APPLICANT: Yadnock, Tevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004750UC
CURRENT APPLICATION NUMBER: US/09/724,961
CURRENT FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: US 09/580,015
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: US 09/201,430
PRIOR PLILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR PLING DATE: 1991-12-02
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Pred. No. 5.1;
1; Mismatches 0; Indels
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Patent No. 6743427
GENERAL INFORMATION:
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Best Local Similarity 83.3
Matches 5; Conservative
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SOFTWARE: Patentin Ver. 2.1
                                                                        Vasquez, Nicki
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Gaps

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Sequence 23, Application US/09580018; Patent No. 6761888; GENERAL INFORMATION: APPLICANT: Schenk, Dale B. APPLICANT: Bard, Frederique APPLICANT: Yednock, Ted
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ORGANISM: Artificial Sequence
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Best Local Similarity 83.2.
Perhan 5; Conservative
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Matches 5; Conservative
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US-09-580-018-23
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APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease;
TILE REFERENCE: 152704 004760US
CURRENT APPLICATION NUMBER: US 09/322,289
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE PARENTIN OF: 2.1
SEQ ID NO 20
LENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-09-724-961-24
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Pred. No. 5.1;
1; Mismatches 0; Indels
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               PRIOR FILING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR PILING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: US 09/201,430
PRIOR PILING DATE: 1998-11-30
PRIOR PLING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR PILING DATE: 1998-04-07
PRIOR PRILING DATE: 1998-04-07
PRIOR PILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-12-02
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PATCHTIN Ver. 2.1
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Pred. No. 5.1;
1; Mismatches
APPLICATION NUMBER: US 09/580,015
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US-09-580-018-20
Sequence 20, Application US/09580018
Patent No. 6761888
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Patent No. 6761888
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83.3%;
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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1 KLVFFA 6
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US-09-580-018-21
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LENGTH: 10
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Sequence 22, Application US/09580018

Batent No. 6761888

GENERAL INPORMATION:
APPLICANT: Schenk, Date B.
APPLICANT: Schenk, Ted
TITLE OF INVENTION Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION Prevention and Treatment of Amyloidogenic Disease
CURRENT FILING DATE: 152700-004760US
CURRENT FILING DATE: 152700-05-26
CURRENT FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 22
MANDER OF SEQ ID NOS: 77
MANDER OF SEQ ID NOS: 77
SEQ ID NO 22
MANDER OF SEQ ID NOS: 77
MANDER OF MANDER OF
APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
CURRENT APPLICATION NUMBER: US/09/580,018
CURRENT FILING DATE: 1200-05-28
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 10
TYPE: PRT
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OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid;
OTHER INFORMATION: peptide)
US-09-580-018-22
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Sequence 21, Application US/09724551
| Patent No. 6787637
| GENERAL INFORMATION:
| APPLICANT: Schenk, Dale B. |
| APPLICANT: Bard, Frederique |
| APPLICANT: Wednock, Ted |
| APPLICANT: Yednock, Ted |
| TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease |
| TITLE NEFERENCE: 15270J-004760US |
| CURRENT APPLICATION NUMBER: US/09/724,551 |
| CURRENT PILING DATE: 2000-11-28 |
| PRIOR APPLICATION NUMBER: US/09/580,018 |
| PRIOR APPLICATION NUMBER: US 09/322,289 |
| PRIOR PILING DATE: 1999-05-28 |
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US-09-724-551-20
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APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
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Pred. No. 5.1;
1; Mismatches 0; Indels
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Pred. No. 5.1;
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                                        PRIOR APPLICATION NUMBER: US/09/580,018
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 20
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                 2000-11-28
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 10
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Best Local Similarity 83.3.
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Best Local Similarity 83.5
احدة 5; Conservative
                 CURRENT FILING DATE:
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5 KLVFFA 10
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US-09-724-551-21
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US-09-724-551-22
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APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Tedonok, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
CURRENT APPLICATION UNMBER: US/99/580,018
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
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APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REPERENCE: 15270J-004760US
CURRENT APPLICATION NUMBER: US/09/724,551
                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide (OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid US-09-580-018-23
          and Treatment of Amyloidogenic Disease
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US-09-580-018-24
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83.3%; Pred. No. 5.1;
ive 1; Mismatches
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TITLE OF INVENTION: Prevention and Treatment; FILE REFERENCE: 15270.004760US; CURRENT PAPLICATION NUMBER: US/09/580,018; CURRENT FILING DATE: 2000-05-26; PRIOR APPLICATION NUMBER: US 09/322,289; PRIOR FILING DATE: 1999-05-28; NUMBER OF SEQ ID NOS: 77; SOFTWARE: Patentin Ver: 2.1; SOFTWARE: Patentin Ver: 2.1; LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 24, Application US/09580018 Patent No. 6761888
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Patent No. 6787637
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
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SOFWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 10
TYPE: PRT
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Best Local Similarity 83.3
Matches 5; Conservative
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2 KLVFFA 7
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APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Pardck, Frederique
APPLICANT: Yednock, Ted
TILE REFERENCE: 15270J-004760US
CURRENT APPLICATION NUMBER: US/09/724,551
CURRENT FILING DATE: 2000-11-28
PRIOR PILING DATE: 2000-05-26
PRIOR PLING DATE: 1999-05-28
PRIOR PLING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 23
LENGTH: 10
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Patent No. 6787637
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
                                                                                                                                                                                                                                                                               ; OTHER INFORMATION; Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
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US-09-724-551-23
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                CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US/09/580,018
PRIOR FILING DATE: 2000-05-26
PRIOR PRILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PACENTIN VET: 2.1
SEQ ID NO 22
LENGTH: 10
CURRENT APPLICATION NUMBER: US/09/724,551
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US-09-74-511-23
; Sequence 23, Application US/09724551
; Patent No. 6787637
                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
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KLVFFA 8
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US-09-724-551-24
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CURRENT APPLICATION NUMBER: US/09/724,551
CURRENT APPLICATION NUMBER: US/09/580,018
PRIOR APPLICATION NUMBER: US/09/580,018
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-38
PRIOR DATE: PRIOR DESCRIPTION: PEPTING ANN 792 SEQUENCE (human Abeta42, beta-amyloid OTHER INFORMATION: PEPTING)
PRIOR DATE: PRIOR DATE: 1993-14; Score 27; DB 4; Length 10;
PRIOR DATE: PRIOR DATE: 1993-14; Pred: No. 5-1;
MATCHES S; CONSERVATIVE 1; Mismatches 0; Indels 0; Gaps
Qy I KIVFFA 6
Db I KIVFFA 6
Search completed: March 9, 2005, 06:42:58
JOB time: 17:0274 Secs
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March 9, 2005, 06:11:36; Search time 74.6027 Seconds (without alignments) 36.290 Million cell updates/sec GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. OM protein - protein search, using sw model Run on:

US-10-009-122-2 34 1 KKLVFFA 7 Perfect score:

Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

2105692 segs, 386760381 residues Searched:

2105692 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries

A Geneseq 16Dec00:*
1: geneseqp1980s:*
2: geneseqp1990s:*
3: geneseqp2001s:*
5: geneseqp2001s:*
6: geneseqp2003as:*
7: geneseqp2003bs:*
8: geneseqp2003bs:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Aab48475 Antifibri	Aab82624 All-D pep			Aae35439 Abeta pep	4	Adq37263 Vaccine a	Abu79063 Aggregati	Abw00197 Peptide #	Adk82706 Beta-amyl	Aaw02312 Beta-amyl	Aaw89376 Beta-amyl	Abg71007 Long form		Adj64058 Human bet	Add37351 Beta-amyl	Aaw02310 Beta-amyl		Abg71005 Long form	Beta	Adj64056 Human bet	Adg37349 Beta-amyl	Aar45239 Mutant am	Aab48493 Antifibri	Aaul1667 Peptide #
	ΩI	AAB48475	AAB82624	AAU96812	AAU11649	AAE35439	ADQ37314	ADQ37263	ABU79063	ABW00197	ADK82706 .	AAW02312	AAW89376	ABG71007	ABB05155	ADJ64058	ADQ37351	AAW02310	AAW89374	ABG71005	ABB05153	ADJ64056	ADQ37349	AAR45239	AAB48493	AAU11667
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* 6.5	Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
	Score	34	34	34	34	34	34	34	34	34	31	30	30	30	30	30	30	30		30	30	30	30	30	30	30
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517 Differe	5436 Abgregat	10187 Peptide	15874 Amyloi	37260 Vaccin	7332 Antifi	16226 Human	16225	6224 Human	6227 Human	2641 All-D	6829 Amyloi	57511 Differ	3455 Abeta	37280 Vaccine	7371 Amyloi	7374 Amyloid-	2560 Anti-	9431 Human	9504 Amyloi	9013	683 Aggrec	3147 Amy	5464 Abe	5435 Abe	5466 Abe	0745 Hun	20744 Hu	L476 N-t	37407 Amyl	37289 Vacci	7259	37467 Hum	71477 N-t	71464 N-ter	a89887 Bet	2 t	j71465 N-te	71478 N-t
LO C	6 ABU/303	7 ABW0018	8 ADI3587	8 ADQ3726	8 ADQ3733	4 AAB4622	4 AAB4622	4 AAB4622	4 AAB4622	4 AAB8264	5 AAU9682	6 ABP5751	6 AAE3545	8 ADQ3728	8 ADQ3737	8 ADQ3737	2 AAW3256	5 AAU9943	5 AAE2950	6 ABU7901	7 ABR8468	7 ABW0014	6 AAE3546	6 AAE3543	6 AAE3546	7 ADD2074	7 ADD207	8 ADJ7147	8 ADQ3740	8 ADQ3728	8 ADQ3725	6 ADA3746	8 ADJ7147	8 ADJ7146	6 ADA8988	8 ADJ7145	8 ADJ7146	8 ADJ7147
01.0	2000	88.7	0 88.2	0 88.2	0 88.2	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1	0 88.2 1
26	80	7 60	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	20	51	52	53	54	22	26	57	28	29	9	61	62	63	64	65

ALIGNMENTS

AAB48475 standard; peptide; 7 AA. (first entry) 02-MAR-2001 AAB48475; RESULT 1

Antifibrillogenic peptide #2.

Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease. 04-MAY-2000; 2000WO-CA000515. 99US-0132592P. WO200068263-A2. Homo sapiens. 05-MAY-1999; 16-NOV-2000.

Chalifour R, Gervais F, Gupta A; (NEUR-) NEUROCHEM INC.

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crause our resulutes with outer amilion art produced using) non-self ragments. Vaccines of the invention are produced using in non-self competitions need to be performed from the unnatural D-configuration amino acids to avoid the drawbacks of 'self' proteins. The all-D peptides need not be aggregated to be operative or immunogenic. They preferably interact with at least 1 region of an amyloid-beta peptide, or their immunogenic fragments, protein conjugates, immunogenic derivative peptides and immunogenic peptidemimetics. Examples include all-D peptides and immunogenic peptidemimetics. Examples include all-D peptides and corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-21 and corresponding to residues edicites a preferential TH-2 or TH-1 response, in ABBSE623-64. The vaccine edicites a preferential TH-2 or TH-1 response, or related diseases may be localised amyloidosis, e.g. diabetes type II, controdegenerative diseases, scrapie, cerebral amyloid angiopathy, and control diseases, scrapie, cerebral amyloid angiopathy, and control diseases, scrapie, cerebral amyloides associated with chronic infection (e.g. tuberculosis) or chronic inflammation (e.g. tuberculosis) patients

"The angle of the angle of the angle of the anglobatis associated with contract of the anglosis found in long-term haemodialysis patients
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                                                                                                                                                                                                                                                                                                                                                                                                       Length 7;
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amino acid residues with other amino acid residues or
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100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Amyloid targeting peptide #2.
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24-JUL-2001; 2001US-00915092.
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nes 7; Conserv
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Misc-difference
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                                                                                                                                                                                                                                                                                                                                                                         Sequence 7 AA;
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Matches
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AAU96812
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                                                                                                                                          Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and associated cellular toxicity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The present sequence is that of an all-D peptide suitable for use for preparing vaccines for preventing or treating Alzheimer's disease and other amyloid related disorders in humans. It is based on a portion of amyloid-beta peptide (see AAB2522), and may be modified by removing or inserting 1 or more amino acid residues, or by substituting 1 or more
                                    Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
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                                                                                                                                                                                                                                                                                                                       Length 7;
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Pred. No. 1.8e+06;
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/note= "all D-form residues"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAB82624 standard; peptide; 7 AA
                                                                                                          Claim 7; Page 25; 46pp; English
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                                                                                                                                                                                                                                                                                                                       100.0%;
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Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI; 2001-441458/47.
   WPI; 2001-031852/04.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                therapy; antigen.
                                                                                                                                                                                                                                                                                                                                                                                          1 KKLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                               KKLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Misc-difference
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WO200139796-A2
                                                                                                                                                                                                                                                                                      Sequence 7 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            29-NOV-1999;
28-NOV-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          07-JUN-2001.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           02-OCT-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAB82624;
                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                     protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 2
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Gaps

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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CCCCXBXB4XBX5XBXBXBXBXBXBXBXBXBX8XXBX8XBXBXBXBXCCCCC
                                                       The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The camploid targeting moiety, a linker moiety and a labelling moiety. The capent is of general formula At-(Allnk) a-Allab (I) where z = 0 - 1;

CA t = an amyloid targeting moiety. All of the satient moiety; and Allab (CC = a labelling moiety. Also included are imaging amyloid deposition or diagnosing an amyloid-related condition in a patient involving administering (I) to the patient, and ultrasound imaging (I) in the patient to determine the presence of amyloid or amyloid-related condition (I) a reducing agent, a buffering agent, a transchelating agent, and instructions for the preparation and use of the radiopharmaceutical in the imaging of amyloid or an amyloid-related condition. The agents are used for imaging of amyloid deposition and for diagnosing an amyloid related condition e.g. Creutzfeldt-Jakob disease (CUD), kuru, transmissible condition e.g. Creutzfeldt-Jakob disease (CUD), kuru, transmissible creephalopathy (BSE), inflammation-associated amyloidosis, felline spongiform encephalopathy, non-transmissible creephalopathy (BSE), inflammation-associated amyloidosis, Alzheimer's diseases, prinmary amyloidosis, Alzheimer's diseases, prinmary amyloidosis, Alzheimer's diseases, prinmary amyloidosis, Alzheimer's diseases, prinmary amyloidosis, light chain-related amyloidosis, light chain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                            present sequence is a peptide forming the amyloid targeting moiety of the agent of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Peptide #2, used as a carrier for the amyloid-beta40 (Abeta40) inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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plagues and/or for the treatment of amyloidosis disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 34; DB 5; Length 7; 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                 Claim 49; Page 21; 57pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAU11649 standard; peptide; 7 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     22-DEC-2000; 2000WO-IB002078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    99US-0171877P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gervais F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2002-075222/10.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 KKLVFFA 7
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1 KKLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WO200185093-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    23-DEC-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              09-APR-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAU11649;
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The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid angiopathy, particularly Alzheimer's disease, hereditary cerebral heamorinage with amyloidosis of the Dutch type and heamorinage stroke. The present sequence represents one of a group of peptides (AAU11648-AAU11659, AAU11910 & AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by cerebral amyloid angiopathy (CAA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid anglopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Cohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The invention relates to a method for prevention and/or treatment of an amyloid-related disease which comprises administration of an all-D - amyloid-beta peptide. The method is used for preventing and/or treating Alzheimer's and other amyloid related disease e.g. cerebral amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prevention and/or treatment of an amyloid-related disease e.g. Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 34; DB 5; Length 7; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Chalifour RJ, Kong X;

    .7
    /note= "D-form residues"

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Disclosure; Page 10; 68pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAE35439 standard; peptide; 7 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 1; Page 59; 44pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 29-MAY-2001; 2001US-00867847
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             17-JUN-2003 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Hebert L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2003-201269/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Abeta peptide #10.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Misc-difference 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 KKLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 KKLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 7 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unidentified
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAE35439;
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angiopathy; for altering serum levels of amyloid-beta in a mammal and favours the clearance of soluble amyloid-beta or fibril amyloid-beta from the mammal; and reducing or inhibiting the formation of plaques. It is calso used for treating AA (reactive) amyloid diseases including to inflammatory diseases e.g. rheumatorid arthritis, juvenile chronic arthritis, ankylosing spondylitis, psoriasis, psoriatic arthropathy, Reiter's syndrome, Adult Still's disease, Bechet's syndrome and Crohn's clisease. Ad deposits are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus including Hodgkin's lymphoma, remal carcinoma, carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The pressit in an Abeta peptide used to illustrate the method of the
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Sequence 7 AA;

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Gaps
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0
100.0%; Score 34; DB 6; Length 7; 100.0%; Pred. No. 1.88+06; ive 0; Mismatches 0; Indels
                  Best Local Similarity 100.
Matches 7; Conservative
                                                         1 KKLVFFA 7
                                                                                   1 KKLVFFA 7
       Query Match
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Antifibrillogenic amyloidosis inhibiting peptide.
    ADQ37314 standard; peptide; 7 AA.
                07-OCT-2004 (first entry)
           ADQ37314;
RESULT 6
   AD03731
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amyloid-beta; amyloid-beta related disease;

amyloid-beta fibril formation; immune response; nootropic;

amyloid-beta fibril formation; immune response; nootropic;

antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

anticonvulant; antidepressant; endocrine; hypnotic;

cardiant; antidepressant; endocrine; hypnotic;

mild-to-moderate cognitive impairment;

cerebral amyloid angiopathy; hereditary cerebral heamorrhage;

cerebral amyloid angiopathy;

cerebral amyloid vaccine antigen

Synthetic.

WO2004058239-A1. 15-JUL-2004. 24-DEC-2003; 2003WO-CA002021.

24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P.

(NEUR-) NEUROCHEM INT LID.

Gervais F, Bellini F;

WPI; 2004-543342/52.

Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.

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The present invention describes compositions (C) comprising: (a) a first agent (a) that pervents or treats amyloid-beta related disease, and (b) a second agent (a) that is: (i) a peptide or peptidominetic that captured a second agent (a) that is: (i) a peptide or peptidominetic that captured a second agent (a) that is: (ii) an immune system modulator that prevents or inhibite amyloid-beta (ii) an immune system modulator that prevents or inhibite amyloid-beta (ii) an immune system modulator that prevents or inhibite amyloid-beta (ii) an immune system modulator (c) (C) have contropic, neuroprotective, extitovascular, tranquilliser, uropathic, anticonvulsant, antidepressant, endocrine and hyporic activities, and can be used as amyloid-beta fibril formation modulators, and as and can be used as amyloid-beta fibril formation modulators, and as immune system modulators (C) can be used for preventing or treating an immune system modulators (C) can be used for preventing or treating anyloid-beta related disease e.g. Alzheimer's disease (including sporadic (nc)-hereditary) or familial (hereditary)), mild cognitive impairment, vascular dementa, manyloid angiopathy, hereditary) cerebral haemorrhage, senile dementa, or myloid angiopathy, hereditary cerebral haemorrhage, senile dementa, or pown's syndrome, inclusion body myositis, age-related macular cerebral continuing hypothyroidsm, cerebral disease, cardiovascular (including hypothyroidsm, cerebral disease, cardiovascular disease, amyotrophic lateral sclerosis, acquired immunoffician, cerebral sclerosis, acquired immunoffician, cerebral sclerosis, acquired immunoffician, cerebral sclerosis, acquired immunoffician, cerebral continuors, serunces, sensory loss, subdural, cartack or stroke, transient alcenses, attention deficit, frequent falls, attack or stroke, transient alertness, attention deficit, frequent falls, anchor, halloiderin, ascual disease, attention deficit, frequent falls, and the second modular or apprending amyloid-beta deposits. The present sequence represe
                                                         The present invention describes compositions (C) comprising:
                Disclosure; Page 69; 143pp; English.
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Sequence 7 AA;

Сарв ö Indels 100.0%; Score 34; DB 8; 1 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; 7; Conservative Query Match Best Local Similarity Matches

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KKLVFFA 7 셤

RESULT 7

Vaccine antigen amyloid-beta related amino acid sequence. AD037263 standard; peptide; 7 AA. 07-OCT-2004 (first entry) ADQ37263;

amyloid-beta; amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
neuroprotective; cerebroprotective; haemostatic; ophthalmological;
antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; anti-HIV; antibarkinsonlan; muscular; neuroleptic;
cardiant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer's disease; mild cognitive impairment; vascular dementia;
mild-to-moderate cognitive impairment; vascular dementia;
cerebral amyloid angiopathy; hereditary cerebral haemorrhage;

S

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Gaps

. 0

Length 7; 0; Indels

Score 34; DB 8; Pred. No. 1.8e+06; Mismatches

100.08; sc. 100.08; Pre

Query Match Best Local Similarity 100.

||||||| 1 KKLVFFA

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present invention.

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senile dementia; Down's syndrome; inclusion body myositis;
dege-related macular degeneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
behavioural dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                        /note= "D-form residues"
                                                                                                                                                                                                             Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                                                                                                                                                                      24-DEC-2003; 2003WO-CA002021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (NEUR-) NEUROCHEM INT LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Bellini F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2004-543342/52
                                                                                                                                                                                                                                            Misc-difference 1
                                                                                                               vaccine antigen.
                                                                                                                                                                                                                                                                                                                            WO2004058239-A1
                                                                                                                                                                                                                                                                                                                                                                                 15-JUL-2004
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                                                                                                                                                                 Synthetic
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ABU79063 standard; peptide; 9 AA.

RESULT 8 ABU79063

Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.

pathological beta-sheet-rich conformation; Down's syndrome; amyloidosis disorder; human prion disease; kuru; CJD; Creutzfeldt-Jakob disease; Gerstmann-Straussler-Scheinker syndrome; GSS; prion associated human neurodegenerative disease; animal prion disease; scrapie; spongiform encephalopathy; transmissible mink encephalopathy;

chronic wasting disease.

US6462171-B1

08-OCT-2002,

Unidentified

Amyloid formation; amyloid-like deposit; Alzheimer's disease;

Aggregation blocking peptide #15.

(first entry)

17-JUN-2003

ABU79063;

Disclosure, Page 67; 143pp; English.

The present invention describes compositions (C) comprising: (a) a first agent (11) that prevents or treats amyloid-bet atlated disease; and (b) a second agent (a2) that is: (i) a peptide or peptidonimetic that cagent (a1) that prevents or peptidonimetic that modulates amyloid-bet affaril formation; or therspectic immune sepsones against amyloid-bet affaril formation; or (ii) an immune system modulator that prevents or inhibits amyloid-bet (iii) an immune system modulator that prevents or inhibits amyloid-bet (iii) an immune system modulator that prevents or and one of a mittonvulash, muscoular, tranquilliser, notrophic, neuroprotective, and said or noctropic, neuroprotective, and said prevents or preventing or treating an interval anti-HIV, antiparkimonian, muscular, and prevents or and can be used as amyloid-bet fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-bet arelated disease e.g. Alzheimer's disease (including sporadic from predictary or familial (hereditary)), mild cognitive impairment, mild-to-moderate cognitive impairment, wascular dementia, cerebral modulators. (C) can be used for preventing or treating an amyloid-bet arelated disease e.g. Alzheimer's disease (including sporadic comparation, or a condition associated with Alzheimer's disease (including hypothyroidism, cerebral haemorrhage, senile dementia, bown's syndrome, inclusion body myositis, age-lated ameaular disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, aggeneration, or incontinence), a neurological condition (e.g. apathy, aggenession, or incontinence), a neurological condition of deficits, incoordination, gait disturbance, transient ischemnic attendence, transient lateral dissease, paymoope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural disease, paymoope, neuroleptic sensitivity, normal pressure hydrocephalus, alterdamusci confidention, depressed demential didention, depressed deposite. The pressent sequence represents a peptide re

Sequence 7 AA;

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The invention describes an isolated inhibitory peptide (1) which interacts with a hydrophobic beta-sheet forming cluster of amino acid cresidues on a protein or peptide for amyloid or amyloid-like deposit formation, and inhibits or structurally blocks the abnormal folding of proteins and peptides into amyloid or amyloid-like deposits and into optides into amyloid or amyloid-like deposits and into of diseases associated with abnormal protein folding into amyloid or amyloid or deposits, such as Alzaheimer's disease, bown's syndrome, other amyloidosis disorders, human prion diseases, ouch as kuru, Creutzfeldt-Jakob disease (UD) Gerstmann-Straussler-Scheinker syndrome (GSS), prion associated human neurodegenerative diseases as well as amimal prion diseases such as scrapie, spongiform encephalopathy, transmissible mink encephalopathy and chronic wasting disease of mule deer and elk. (1) is also useful for chronic wasting disease of mule deer and elk. (1) is also useful for chronic wasting disease of mule deer and elk. (1) is also useful for chronic mayloid associated with the inhibition of amyloid or amyloid like
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9 AA;
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Novel inhibitory peptides which inhibit and structurally block abnormal folding of protein into amyloid or amyloid-like deposit and into pathological beta-sheet rich conformation, useful for treating Alzheimer's disease.

Disclosure; Col 51-52; 51pp; English.

Frangione B;

Baumann MH,

Soto-Jara C,

WPI; 2003-379012/36.

(UYNY) UNIV NEW YORK STATE.

96US-00766596. 95US-00478326. 96US-00630645.

12-DEC-1996;

07-JUN-1995; 10-APR-1996;

ABW00197;

σ RESULT

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The invention relates to a human fusion antibody for preventing and treating senile dementia. The antibody recognises and binds the beta-amyloid peptide and the fibres generated by it. The human antibody Fo segment recognized by human immunocells are sequentially contained by its terminals from N to C. The fusion gene coding for the antibody is also disclosed. This sequence represents the sequence of a anti-beta-amyloid peptide antibody.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Beta-amyloid; modulator; amyloid plaque; brain lesion; amyloidosis; cerebral blood vessel; Alzheimer's disease; amyloidogenic protein; familial amyloid cardiomyopathy; isolated cardiomyopathy; isolated cardiocamyloidosis; systemic senile amyloidosis; inulinoma; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; urticaria; adult-onset diabetes; familial Mediterranean fever; therapy; deafiness; scrapie; familial amyloid nephropathy; hereditary cerebral haemorrhage.
                                                                                                                                                                                                                                                                                                                                                                                                                          Human fusion antibody for reducing cerebral amyloid fibers associated
                                                                                              fusion antibody; senile dementia; beta-amyloid peptide; fibre;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 31; DB 7; Length 277;
Pred. No. 1.5e+02;
1; Mismatches 0; Indels
                                                               Beta-amyloid peptide antibody sequence #2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Beta-amyloid modulator peptide #3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Disclosure; Page 8; 26pp; Chinese
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAW02312 standard; peptide; 7 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          91.2%;
85.7%;
                                                                                                                                                                                                                                                          13-JUL-2001; 2001CN-00120278.
                                                                                                                                                                                                                                                                                            13-JUL-2001; 2001CN-00120278
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Best Local Similarity 85.,
Local 6; Conservative
                                    (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                 with senile dementia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    :||||||
RKLVFFA 38
                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2003-442233/42
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                                                                                                                                                                                                                                                                                                                                                                Zhang J;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 277 AA;
                                                                                                                                                                                                                                                                                                                             (ZHAN/) ZHANG X.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      02-MAY-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 19-SEP-1996.
                                                                                                                                                          Unidentified
                                      06-MAY-2004
                                                                                                                                                                                            CN1396183-A
                                                                                                                                                                                                                           12-FEB-2003
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                                                                                                                         immunoce11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 32
                                                                                                                                                                                                                                                                                                                                                                 Zhang X,
   ADK82706;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The invention relates to inhibitory peptide comprising a portion of at least three amino acid residues and a sequence predicted not to adopt a beta-sheet structure that associates with a hydrosphobic beta-sheet cluster on a prociein or peptide involved in the abnormal folding into a beta-sheet structure, to structurally block the abnormal folding of the protein or peptide. The inhibitory peptide is useful for preparing a composition for preventing, treating or detecting disorders or diseases associated with amyloid-like fibril deposits e.g. Alzheimer's diseases prion related encephalopathies. The invention is also useful in gene therapy. The present sequence is a peptide used in the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 New inhibitory peptide, useful for preparing a composition for diagnosing, preventing or treating disorders associated with amyloid-like fibril deposits, e.g. Alzheimer's disease, or prion related
                                         ö
                                                                                                                                                                                                                                                                                                                           Amyloid-like fibril deposit; prion related encephalopathy; gene therapy;
Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gapa
                                           Gaps
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          Length 9;
                                           Indels
          100.0%; Score 34; DB 6; I
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Frangione B;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADK82706 standard; protein; 277 AA.
                                                                                                                                                                                                                                                                                                       Peptide #15 used in the invention.
                                                                                                                                                                                                       ABW00197 standard; peptide; 9 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 1; Page 28; 52pp; English.
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96US-00630645.
96US-00766596.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 06-SEP-2002; 2002US-00235483.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (UYNY ) UNIV NEW YORK STATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Baumann MH,
                                                                                                                                                                                                                                                                         (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2003-616149/58.
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Best Local Similarity
Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ^
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KKLVFFA 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             encephalopathies
                                                                                                         KKLVFFA
                                                                                   1 KKLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                               US2003087407-A1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   07-JUN-1995;
10-APR-1996;
12-DEC-1996;
                                                                                                                                                                                                                                                                                                                                                                                              Unidentified
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RESULT 10 ADK82706 ID ADK8

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Gaps

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us-10-009-122-2.rag

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Sequence 7 AA;
                                                             14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
                                     14-MAR-1996;
              29-DEC-1998.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human; beta-amyloid peptide; Alzheimer's disease; amyloidogenic protein; aggregation; neurotoxicity; amyloidosis; Down's syndrome; cardiomyopathy; familial amyloid polyneuropathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; bAP.
                                                                                                                                                                                                                                                      AAW02110-W02332 represent the peptide portions of the beta-amyloid modulator compounds of the invention. Beta-amyloid peptide is a 4 kilodaltor peptide that is the major protein component of amyloid plaques are present both in the brain lesions, and in the walls of cerebral blood vessels in Alzheimer's disease patients. The amyloid modulators of the invention comprise an amyloidogenic protein or peptide (such as this sequence) coupled directly or indirectly to at least one modifying group. The modifying group is preferably a cyclic, heterocyclic, or polycyclic group, such as declain, a cholanyl group, a biotin containing group, or a fluorescein containing group. These compounds then modulate the aggregation of these sequences to natural amyloid proteins or peptides when contacted with the natural
                                                                                                                                                                                                                                                                                                                                                                                                              amyloidogenic proteins or peptides. The modulator compounds can be used in the treatment of disorders associated with amyloidosis, such as familial amyloid cardiomyopathy, isolated cardiac amyloidosis, spremic senile amyloidosis, scrapie, bovine spongiform encephalopathy, Creuzfeldt-Jakob disease, adult-onset diabetes, insulinoma, familial Mediterranean fever, familial amyloid and other types of amyloidosis. The modulators are also useful for the treatment of disorders associated with beta-amyloidosis, specially Alzheimer's disease
                                                                                                   Garnick MB, Gefter ML, Hundal A;
ner ER, Wakefield J, Reed MJ, Molineaux S;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                              Modulators of amyloid aggregation - comprising, e.g. amyloidogenic protein coupled (in)directly to at least 1 modifying gp., useful in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   88.2%; Score 30; DB 2; Length 7;
85.7%; Pred. No. 1.8e+06;
ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Beta-amyloid peptide derivative A-beta-15-21.
                                                                                                                           Kelley M;
                                                                                                                                                                                                                                  Claim 16; Page 91; 106pp; English.
                                                                                                                                                                                                       treatment of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAW89376 standard; peptide; 7 AA:
                                                                                                   Findeis MA, Benjamin H, Garnicl
Kasman L, Musso G, Signer ER,
Kubasek W, Chin J, Lee J, Kel.
                        95US-00404831.
95US-00475579.
95US-00548998.
 96WO-US003492
                                                                           (PHAR-) PHARM PEPTIDES INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   02-MAR-1999 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6; Conservative
                                                                                                                                                      WPI; 1996-433762/43.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 KKLVPFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 7 AA;
14-MAR-1996;
                                      07-JUN-1995;
27-OCT-1995;
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                          14-MAR-1995;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beta-amyloid; amyloid modulator; amyloidogenic protein; amyloidosis; familial amyloid polyneuropathy; familial amyloid cardiomyopathy; isolated cardiac amyloid; systemic senile amyloidosis; scrapie; myeloma; bovine spongiform encephalopathy; BSE; Creutzfeldt-Jakob disease; adult onset diabetes; Gerstmann-Straussler-Scheinker syndrome; insulinoma; atrial amyloidosis; idiopathic amyloidosis; haemodialysis; macroglobulinaemia-associated amyloidosis; reactive amyloidosis; primary localised cutaneous nodular amyloidosis; Sjogren's syndrome; hereditary cerebral haemorinage with amyloidosis; Muckle-Wells syndrome; hereditary non-neuropathic systemic amyloidosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New peptide(s) derived from beta-amyloid peptide that inhibit amyloid aggregation - and neurotoxicity, specifically for treatment and prevention of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                  Hundal A, Gefter ML, Kasman L, Musso G, Molineaux S, Benjamin H;
Findeis MA, Chin J, Lee J, Kelley M, Reed M, Wakefield J;
Garnick MB, Kubasek W, Signer ER;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Long form beta-amyloid protein fragment #4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Example 12; Col 64; 52pp; English
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                                                                        95US-00404831
96US-00612785
                                                                                                                                                 95US-00548998
                                                                                                                95US-00475579
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                                                                                                                                                                                                                             (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Best Local Similarity
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1 OKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        a bAP derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US2002098173-A1.
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14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
                                        Homo sapiens
                                                                              US6319498-B1
                                                                                                                                     14-MAR-1996;
                                                                                                                                                                                                                                                   Findeis MA,
                                                                                                            20-NOV-2001.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADJ64058;
                                                                                                                                                                                                                                                                  Kasman L,
                                                        Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   셤
                                                                                                                                                                                                                                                                                       The invention describes an amyloid modulator comprising an amyloidogenic protein and/or peptide fragment coupled to a modifying group so that the protein and/or peptide fragment coupled to a modifying group so that the compound modulates the aggregation of natural amyloid proteins or opeptides. The modulator is used for treating a disorder associated with amyloidosis e.g. familial amyloid cardiomypathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomypathy (Portuguese, Japanese consolidate amyloido, systemic senile amyloidosis, scrapis, bovine spongiform encephalopathy. Creutzfeldt-Jākob disease, adult onset diabetes, Gerstmann-Straussler-Scheinker syndrome, insulinoma, isolated arrial amyloidosis, primary localised cutaneous carial amyloidosis, familial Mediterranean Fever and familial condary) amyloidosis, familial Mediterranean Fever and familial expectatory cerebral haemorrhage with siggren's syndrome, reactive condular amyloidosis associated with long term haemoflaysis, hereditary nor employed with amyloidosis of the thyroid, familial amyloidosis of the thyroid, familial amyloidosis associated hereditary carcinoma of the thyroid, familial amyloidosis associated hereditary systemic amyloidosis of the thyroid, familial amyloidosis and lysozyme-associated hereditary systemic amyloidosis and lysozyme-associated hereditary systemic amyloidosis con contacted with a molar excess amount of natural beta-Aps care amyloid protein (beta-Aps sequence represents a fragment of the relative to the modulator. This sequence represents a fragment of the relation of an amyloid modulator.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Beta amyloid peptide; beta-AP; beta amyloid precursor protein; A-beta; APP-770; amyloid aggregation; amyloidogenic; Altheimer's disease; noncircopic; neuroprotective; immunosuppressive; antimicrobial; auditory; antidiabetic; antipyretic; dermatological; cardiovascular; nephrotropic; amyloid aggregation inhibitor; neurotoxicity inhibitor; Down's syndrome;
                                                                                                                                                                                                            Amyloid modulator useful for treating a disorder associated with amyloidoeis, comprises an amyloidogenic protein and/or a peptide fragment coupled to a modifying group.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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0
                                                                                                                                           , Benjamin H, Garnick MB, Gefter ML, Hundal A;
Musso G, Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 30; DB 5; Length 7;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Beta amyloid peptide (15-21) SEQ ID NO:7.
                                                                                                                                                                                                                                                                        Example 12; Page 35; 41pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABB05155 standard; peptide; 7 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   88.2%;
                                               95US-00404831.
95US-00475579.
95US-00548998.
96US-00617267.
                   04-OCT-2001; 2001US-00972475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                02-APR-2002 (first entry)
                                                                                                                     (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6; Conservative
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                                                                                                                                                                                         WPI; 2002-697709/75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
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                                               14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
                                                                                          14-MAR-1996;
                                                                                                                                                  Findeis MA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABB05155;
                                                                                                                                                                 Кавшап L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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The present invention describes an amyloid modulator compound (1) comprising an aggregation core domain and a modifying group attached to it. (1) has nootropic, neuroprotective, immunosuppressive, antimicrobial, antipyretic, dermatological, cardiovascular, nephrotropic and auditory activities, and can be used as a natural amyloid aggregation inhibitor and a neurotoxicity inhibitor of natural heta amyloid peptide (beta-Ap). (1) are used in the manufacture of a medicament for the diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's disease and other clinical occurrences of beta amyloid deposition such as now, s syndrome individuals and in patients with hereditary crebral cardiofosis such as familial amyloid polyneuropathy. (1) reduces the amyloidosis uch as familial amyloid polyneuropathy. (1) reduces the amyloidosis uch as familial amyloid polyneuropathy. (1) reduces the amyloidosis uch as familial amyloid polyneuropathy. (1) reduces the amyloidosis control of natural beta-Ap aggregates to cultured neuronal cells. (1) to control of the formation of neurotoxic aggregates but also have the ability to reduce the neurotoxicity of performed A-beta fibrils. The ability to reduce the neurotoxicity of performed A-beta fibrils. The present sequence represents a beta-Ap peptide, which is used in the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Amyloid modulator compound useful for treatment of an amyloidogenic disease such as Alzheimer's disease comprises an aggregation core domain and a modifying group attached to it.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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amyloidogenic disease; beta amyloid deposition; amyloidosis;
hereditary cerebral haemorrhage; familial amyloid polyneuropathy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hundal A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , Benjamin H, Garnick MB, Gefter ML, Hunc
Musso G, Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human beta-amyloid long form peptide fragment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 30; DB 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Disclosure; Col 19; 54pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADJ64058 standard; peptide; 7 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                95US-00404831.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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amyloid-beta; amyloid-beta related disease; amyloid-beta fibril formation; immune response; nootropic; newloid-beta fibril formation; immune response; nootropic; antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic; antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic; cardiant; antidepressant; endocrine; hypnotic; amyloid-beta fibril formation modulator; immune system modulator; amyloid-beta fibril formation modulator; immune system modulator; mild-to-moderate cognitive impairment; vascular dementia; cerebral amyloid anglopathy; hereditary cerebral haemorrhage; senile dementia; Down's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism; cerebral dasse; cardiovascular disease; memory loss; anxiety; behavioural dysfunction; neurological condition; psychological condition;

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The invention relates to amyloidogenic proteins or peptide fragments aggregation modulators. The invention is used for treating disorder associated with amyloidosis, particularly familial amyloid oplyneuropathy cortuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Danish type), isolated cardiac amyloid, systemic senile amyloidosis, crapie, bovine spongiform encephalopathy, Creutzfeldt, Jakob disease, Gerapie, bovine spongiform encephalopathy, Creutzfeldt, Jakob disease, insulinoma, isolated atrial amyloidosis, didopathic (primary) amyloidosis, myeloma or macroglobulinemia-associated amyloidosis, primary localized cutaneous nodular amyloidosis associated with Sjogren's and familial amyloid nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of celandic type, amyloidosis associated with long term haemodialysis, hereditary non-neuropathic systemic amyloidosis (familial amyloidosis polyneuropathy III), familial amyloidosis (Finnish type, amyloidosis associated with meditary non-neuropathy III), familial amyloidosis (Finnish type, amyloidosis associated with meditary non-neuropathic systemic amyloidosis (Finnish type, amyloidosis associated with meditary non-neuropathic systemic amyloidosis (Finnish type, amyloidosis associated with meditary non-neuropathic systemic amyloidosis (Finnish type, amyloidosis associated with meditary non-neuropathic systemic amyloidosis (Finnish type, amyloidosis associated with meditary non-neuropathic systemic amyloidosis (Finnish type) amyloidosis associated with meditary non-neuropathic systemic amyloidosis (Finnish type) amyloidosis associated with meditary non-neuropathic systemic amyloidosis (Finnish type) amyloidosis associated with meditary non-neuropathic systemic amyloidosis (Finnish type)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           hereditary renal amyloidosis and lysozyme-associated hereditary systemic amyloidosis. The present sequence is beta-amyloid peptide fragment used
familial mediterranean fever; urticaria; deafness;
hereditary cerebral haemorrhage; haemodialysis; thyroid;
renal amyloidosis; lysozyme-associated hereditary systemic amyloidosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New amyloidogenic protein aggregation modulators useful for treating disorder associated with amyloidosis e.g. familial amyloid polyneuropathy, Creutzfeldt-Jakob disease and adult onset diabetes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 h Similarity 85.7%; Pred. No. 1.88+06; 6; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gefter ML,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 the exemplification of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Example 12; SEQ ID NO 7; 52pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Garnick MB,
                                                                                                                                                                                                                                                                                                                                                                            95US-00475579.
95US-00548998.
96US-00617267.
                                                                                                                                                                                                                                                                                                                                                                                                                                                        04-OCT-2001; 2001US-00972475
                                                                                                                                                                                                                                                                                            17-JUN-2003; 2003US-00463729
                                                                                                                                                                                                                                                                                                                                                   95US-00404831
                                                                               beta-amyloid peptide; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Benjamin H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Musso G,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WPI; 2004-131767/13.
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                       US2004005307-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 7 AA;
                                                                                                                                      Homo sapiens
                                                                                                                                                                                                                                                                                                                                                   14-MAR-1995;
                                                                                                                                                                                                                                                                                                                                                                            07-JUN-1995;
27-OCT-1995;
                                                                                                                                                                                                                                           08-JAN-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                14-MAR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Findeis MA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Кавшап L,
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24-DEC-2003; 2003WO-CA002021. 24-DEC-2002; 2002US-0436379P 23-JUN-2003; 2003US-0482214P (NEUR-) NEUROCHEM INT LTD

vaccine antigen

Synthetic.

WO2004058239-A1 15-JUL-2004. WPI; 2004-543342/52.

Gervais F,

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The present invention describes compositions (C) comprising: (a) a first agent (al) that prevents or treats amyloid-beta related disease, and (b) a second agent (al) that is: (i) a peptide or peptidomiment that characteristic characteristic modulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune system modulator that prevents or inhibits amyloid-beta fibril formation; or corporation. Also described is a kit comprising (C). (C) have nootropic, neuroprotective, cerebroprotective, haemostatic, (C) have nootropic, neuroprotective, cerebroprotective, haemostatic, anticonvulsant, antithyroid, vaotropic, cardiovascular, tranquilliser, or pathal, antithyroid, vaotropic, cardiovascular, tranquilliser, cardiat, antitoprotessant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an can be used as amyloid-beta fibril formation modulators, and can be used as amyloid-beta dispares e.g. Altreimer's disease including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, andle-to-moderate cognitive impairment, vascular dementia, corditary, hereditary cerebral haemorrhage, senile dementia, commission body myositis, age-related macular disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, agesesion, or incontinence), a neurological condition (e.g. apathy, agesesion, or incontinence), a neurological condition (e.g. apathy, symbodies, altered muscle tone, seizures, sensory loss, viatural disease, cardiovascular disease, amyotrophic lateral soletrosis, acquired immunodefictency symbodies, altered muscle tone, seizures, sensory loss, viatural disease, approprional condition (e.g. apathy, symbodie, altered muscle tone, seizures, sensory loss, viatural disease, approprional condition (e.g. depression, delicits, incoordination, gait disturbance, transient alerticantic per disease, per perpension, and disease, apathy, and disease, apathy, and a
Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                Disclosure; Page 87; 143pp; English.
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Gaps

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ADQ37351 standard; peptide; 7 AA

RESULT 16

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1 KKLVFFA 7

Beta-amyloid modulator peptide.

07-OCT-2004 (first entry)

SXEXE

ADQ37351;

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AAW02310-W02332 represent the peptide portions of the beta-amyloid modulator compounds of the invention. Beta-amyloid peptide is a 4 kilodalton peptide that is the major protein component of amyloid plaques. Amyloid plaques are present both in the brain lesions, and in the walls of cerebral blood vessels in Alzheimer's disease patients. The amyloid modulators of the invention comprise an amyloidogenic protein or peptide (such as this sequence) coupled directly or indirectly to at least one modifying group. The modifying group is preferably a cyclic, hetrocyclic, or polycyclic group, such as declain, a cholanty group, a fluorescens containing group. These compounds then modulate the aggregation of these sequences to natural amyloid proteins or peptides when contacted with the natural
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     an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Beta-amyloid; modulator; amyloid plaque; brain lesion; amyloidosis; cerebral blood vessel; Alzheimer's disease; amyloidogenic protein; familial amyloid polyneuropathy; familial amyloid cardiomyopathy; isolated cardiomyopathy; bovine spongiform encephalopathy; Creutrieldt-Jakob disease; urticaria; adult-onset diabetes; familial Mediterranean fever; therapy; deafiness; scrapie; familial amyloid nephropathy; hereditary cerebral haemorrhage.
excessive guilt)) in a subject e.g. human having a genomic mutation in amyloid precursor protein gene, an ApoE gene, or a presentlin gene; having amyloid-beta deposits. The present sequence represents a beta-amyloid modulator peptide which is used in the exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , Benjamin H, Garnick MB, Gefter ML, Hundal A;
Musso G, Signer ER, Wakefield J, Reed MJ, Molineaux S;
Chin J, Lee J, Kelley M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Modulators of amyloid aggregation - comprising, e.g. amyloidogenic protein coupled (in)directly to at least 1 modifying gp., useful in treatment of Alzheimer's disease.
                                                                                                                                                                                 Gaps
                                                                                                                                                                                 ..
                                                                                                                                                                                 0; Indels
                                                                                                                                               Length 7;
                                                                                                                                             88.2%; Score 30; DB 8; I
85.7%; Pred. No. 1.8e+06;
iive 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 16; Page 90; 106pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Beta-amyloid modulator peptide #1.
                                                                                                                                                                                                                                                                                                                                               AAW02310 standard; peptide; 8 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      95US-00404831.
95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                                                                                                    (first entry)
                                                                                                                                                                                        6; Conservative
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                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                              OKLVFFA
                                                                                present invention
                                                                                                                                                                                                                          1 KKLVFFA
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07-JUN-1995;
27-OCT-1995;
                                                                                                                 Sequence 7 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                    02-MAY-1997
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Киравек W,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      19-SEP-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                      AAW02310;
                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                              AAW02310
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The present invention describes beta-amyloid peptide (bAP) derivatives. The bAP derivatives inhibit aggregation of amyloidogenic proteins and peptides, specifically bAP, and their neurotoxicity, so are useful for treating and preventing any disease involving amyloidosis, specifically Alzheimer's disease but also bown's syndrome, familial amyloid polyneuropathy or cardiomyopathy, bovine spongiform encephalopathy and creutzfeldt-Jakob disease. The bAP derivatives are also used to diagnose these diseases, in vitro or in vivo, by detecting binding of bAP to labelled bAP derivatives inhibit bAP aggregation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human; beta-amyloid peptide; Alzheimer's disease; amyloidogenic protein; aggregation; neurotoxicity; amyloidosis; Down's syndrome; cardiomyopathy; familial amyloid polyneuropathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; bAP.
amyloidogenic proteins or peptides. The modulator compounds can be used in the treatment of disorders associated with amyloidosis, such as familial amyloid cardiomyopathy, familial amyloid cardiomyopathy, isolated cardiac amyloidosis, systemic senile amyloidosis, scrapte, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, adult-onset diabetes, insulinoma, familial Mediterranean fewer, familial amyloid emphropathy with urticata and deafhess, hereditary cerebral haemorrhage and other types of amyloidosis. The modulators are also useful for the treatment of disorders associated with beta-amyloidosis, especially
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New peptide(s). derived from beta-amyloid peptide that inhibit amyloid aggregation - and neurotoxicity, specifically for treatment and prevention of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Hundal A, Gefter ML, Kasman L, Musso G, Molineaux S, Benjamin H;
Findeis MA, Chin J, Lee J, Kelley M, Reed M, Wakefield J;
Garnick MB, Kubasek W, Signer ER;
                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                    ;
                                                                                                                                                                                                                               Score 30; DB 2; Length 8; Pred. No. 1.8e+06; 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beta-amyloid peptide derivative A-beta-14-21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Example 12; Col 64; 52pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                               AAW89374 standard; peptide; 8 AA.
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                                                                                                                                                                                                                                      88.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 02-MAR-1999 (first entry)
                                                                                                                                                                                                                                                                       6; Conservative
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                                                                                                                                                                      Alzheimer's disease
                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                           OKLVFFA 8
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07-JUN-1995;
27-OCT-1995;
                                                                                                                                                                                                         Sequence 8 AA;
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                                                                                                                                                                                                                                                                           Matches
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nodular amyloidosis associated with Sjogren's syndrome, reactive
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ID ABB0
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            8888888888888888888888888
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even when bAP is present in molar excess. The present sequence represents
a bAP derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Amyloid modulator useful for treating a disorder associated with amyloidosis, comprises an amyloidogenic protein and/or a peptide fragment coupled to a modifying group.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The invention describes an amyloid modulator comprising an amyloidogenic protein and/or peptide fragment coupled to a modifying group so that the compound modulates the aggregation of natural amyloid proteins or peptides. The modulator is used for treating a disorder associated with amy Swedish types), familial amyloid cardiomyopathy (Portuguese, Japanese spongish types), familial amyloid cardiomyopathy (Danish type), solated cardiac amyloid, systemic senile amyloidosis, scrapis, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, adult onset diabetes. Gerstmann-Straussler-Scheinker syndrome, insulinoma, isolated atrial amyloidosis, didopathic (primary) amyloidosis, myeloma or macroglobulinaemia-associated amyloidosis, primary localised cutaneous
                                                                                                                                                                                                                                                                                                                                        familial amyloid polyneuropathy; familial amyloid cardiomyopathy; familial amyloid cardiomyopathy; familial amyloid cardiomyopathy; familial amyloidosis; scrapis; myeloma; bovine spongiform encephalopathy; BSE; Creutzfeldt-Jakob disease; adult onset diabetes; Gerstmann-Strausslar-Scheinker syndrome; insulinoma; atrial amyloidosis; idiopathic amyloidosis; haemodialysis; macroglobulinaemia-associated amyloidosis; reactive amyloidosis; primary localised cutaneous nodular amyloidosis; Sjogren's syndrome; hereditary cerebral haemorrhage with amyloidosis; Muckle-Wells syndrome; hereditary non-neuropathic systemic amyloidosis; Muckle-Wells syndrome;
                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                              Beta-amyloid; amyloid modulator; amyloidogenic protein; amyloidosis;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      n H, Garnick MB, Gefter ML, Hundal A;
Signer ER, Wakefield J, Reed MJ;
                                                                         Score 30; DB 2; Length 8; Pred. No. 1.8e+06; 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                     Long form beta-amyloid protein fragment #2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Example 12; Page 35; 41pp; English.
                                                                                                                                                                                                                     ABG71005 standard, peptide; 8 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            95US-00404831.
95US-00475579.
95US-00548998.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   04-OCT-2001; 2001US-00972475.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               familial Mediterranean Fever
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  96US-00617267
                                                                         88.2%;
                                                                                                                                                                                                                                                                           05-DEC-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (PRAE-) PRAECIS PHARM INC
                                                                                                    6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Benjamin H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Musso G,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2002-697709/75.
                                                                                       Best Local Similarity
Matches 6; Conserv
                                                                                                                             1 KKLVFFA 7
                                                                                                                                                    OKLVFFA 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US2002098173-A1.
                                                  Sequence 8 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14-MAR-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Findeis MA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         25-JUL-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Кавшап L,
                                                                                                                                                                                                                                                 ABG71005;
                                                                         Query Match
                                                                                                                                                                                            RESULT 19
          SXXS
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Gecondary) amyloidosis, familial Mediterranean Fever and familial amyloid nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icelandic type, amyloidosis associated with long term haemodialysis, hereditary nonneuropathic systemic amyloidosis (familial amyloidosis of Finnish type, amyloidosis associated with medullary carcinoma of the thyroid, fibrinogen-associated hereditary renal amyloidosis and lysozyme-associated hereditary systemic amyloidosis. The compound is capable of altering and inhibiting beta-amyloid protein (beta-AP) aggregation of natural amyloidosinc proteins or peptides when contacted with a molar excess amount of natural beta-APs relative to the modulator. This sequence represents a fragment of the long form of beta-amyloid used in the creation of an amyloid modulator
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Amyloid modulator compound useful for treatment of an amyloidogenic disease such as Alzheimer's disease comprises an aggregation core domain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The present invention describes an amyloid modulator compound (I) comprising an aggregation core domain and a modifying group attached to it. (I) has nootropic, neuroprotective, immunosuppressive, antimicrobial,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Beta amyloid peptide; beta-AP; beta amyloid precursor protein; A-beta; APP-770; amyloid aggregation; amyloidogenic; Alzheimer's disease; nootropic; neuroprotective; immunosuppressive; antimicrobial; auditory; antidiabetic; antipyretic; dermatological; cardiovascular; nephrotropic; amyloid aggregation inhibitor; neurotoxicity inhibitor; Down's syndrome; amyloidogenic disease; beta amyloid deposition; amyloidosis; hereditary cerebral haemorxhage; familial amyloid polyneuropathy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gapa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ;
0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  k MB, Gefter ML, Hund
Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 30; DB 5; I
Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Beta amyloid peptide (14-21) SEQ ID NO:5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               H, Garnick MB,
Signer ER, Wake
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          and a modifying group attached to it.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Disclosure; Col 18; 54pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABB05153 standard; peptide; 8 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          95US-00404831.
95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         02-APR-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (PRAE-) PRAECIS PHARM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Benjamin H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Мивво G,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2002-146668/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 KKLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 OKLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 8 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US6319498-B1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14-MAR-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14-MAR-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17-JUN-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                27-0CT-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20-NOV-2001.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Кавтап L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABB05153;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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and auditory activities, and can be used as a natural amyloid aggregation inhibitor and a neurotoxicity inhibitor of natural bate amyloid aggregation (beta-Ap). (1) are used in the manufacture of a medicament for the citagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's disease and other clinical occurrences of beta amyloid deposition such as prodrame individuals and in patients with hereditary cerebral commorrhage with amyloidosis, and for treating a disorder associated with amyloidosis, and for treating a disorder associated with amyloidosis, and gergetes to cultured neuronal cells. (1) cont only reduces the formation of neurotoxic aggregates but also have the ability to reduce the neurotoxicity of performed A-beta fibrils. The creating sequence represents a beta-AP peptide, which is used in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Amyloidogenic protein; therapy; amyloidosis; familial amyloid polyneuropathy; cardiomyopathy; systemic senile amyloidosis; bovine spongiform encephalopathy; cretuzfeldt-Jakob disease; dersemann-Straussler-Scheinker syndrome; diabetes; insulinoma; myeloma; Sjogren's syndrome; familial mediterranean fever; urticaria; deafiness; hereditary cerebral haemorhage; haemodialysis; thyroid; renal amyloidosis; lysozyme-associated hereditary systemic amyloidosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New amyloidogenic protein aggregation modulators useful for treating disorder associated with amyloidosis e.g. familial amyloid polyneuropathy, Creutzfeldt-Jakob disease and adult onset diabetes.
                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Findeis MA, Benjamin H, Garnick MB, Gefter ML, Hundal A;
Kasman L, Musso G, Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                    88.2%; Score 30; DB 5; Length 8; 85.7%; Pred. No. 1.8e+06; ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human beta-amyloid long form peptide fragment #2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Example 12; SEQ ID NO 5; S2pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADJ64056 standard; peptide; 8 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             95US-00404831.
95US-00475579.
95US-00548998.
96US-00617267.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 04-OCT-2001; 2001US-00972475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    beta-amyloid peptide; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (first entry)
                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 85...
6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2004-131767/13
                                                                                                                                                                                                                                                                                                                                                                                 · 1 KKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                  2 OKLVFFA 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US2004005307-A1.
                                                                                                                                                                                                                                                                              Sequence 8 AA;
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27-OCT-1995;
14-MAR-1996;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 21
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The invention relates to amyloidogenic proteins or peptide fragments aggregation modulators. The invention is used for treating disorder associated with amyloidosis, particularly familial amyloid polyneuropathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Containsh type), isolated cardiac amyloid, systemic senile amyloidosis, Containsh type), isolated cardiac amyloid, systemic senile amyloidosis, isolated cardiac amyloidosis, adult onset diabetes, containsmn—Stramssler-Scheinker syndrome, adult onset diabetes, amyloidosis, myeloma or macroglobulinemia-associated amyloidosis, primary contains and tamilial amyloidosis, primary amyloidosis, familial Mediterranean Fever syndrome, reactive (secondary) amyloidosis, familial Mediterranean Fever cond familial amyloid nephropathy with urticaria and deafness (Mucklemalial syndrome), hereditary cerebral haemorrhage with amyloidosis of hereditary non-neuropathic systemic amyloidosis (familial amyloidosis polymeuropathy III), familial amyloidosis of familial amyloidosis of secondary familial amyloidosis of horeditary renal amyloidosis and lysozyme-associated hereditary renal amyloidosis and lysozyme-associated hereditary systemic amyloidosis. The present sequence is beta-amyloid peptide fragment used amyloidosis.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cerebrovascular disease; cardiovascular disease; memory loss; anxiety; behavioural dysfunction; neurological condition; psychological condition; vaccine antigen.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amyloid-beta fibril formation; immune response; nootrople; neuroprotective; cerebration; immune response; nootrople; neuroprotective; neamostatic; ophthalmological; antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic; anticorvulsant; anti-HIV; antipathis ontoaction; muscular; neuroleptic; cardiant; antidepressant; endocrine; hypnotic; amyloid-beta fibril formation modulator; immune system modulator; Alzheimer's disease; mild cognitive impairment; vascular dementia; cerebral amyloid angiopathy; hereditary cerebral haemorrhage; senile dementia; bown's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
88.2%; Score 30; DB 8; Length 8;
Best Local Similarity 85.7%; Pred. No. 1.88+06;
Matches 6; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          amyloid-beta; amyloid-beta related disease;
                                                                                                                                                                                                                                                                                                                                                                                                         in the exemplification of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADQ37349 standard; peptide; 8 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Beta-amyloid modulator peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2002US-0436379P.
2003US-0482214P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (NEUR-) NEUROCHEM INT LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gervais F, Bellini F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 KKLVFFA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 8 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 24-DEC-2002;
23-JUN-2003;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 22
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93AU-00038358. 92US-00877675

03-MAY-1993; 01-MAY-1992;

AU9338358-A. 04-NOV-1993. (AMCY) AMERICAN CYANAMID CO.

Vitek MP, Jacobsen JS;

WPI; 1993-406194/51.

N-PSDB; AAQ54267.

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                                                                                                                                     The present invention describes compositions (C) comprising: (a) a first cases and (a1) that prevente or treats amyloid-beta related disease; and (b) a second agent (a1) that is: (i) a peptide or peptidomimetic that case agent (a2) that is: (i) a peptide or peptidomimetic that control and anyloid-beta fibril formation, or control amyloid-beta fibril formation, or corresponse against amyloid-beta inhibits amyloid-beta fibril formation. Also described is a kit comprising (C). (C) have notropic, neuroprotective, carebroprotective, haemostatic, (C) have notropic, neuroprotective, anti-lity, anti-parkinsonia, muscular, tranquilliser, uropathic, anticonvulsant, anti-lity, anti-parkinsonia, muscular, anti-depressant, anti-lity, anti-parkinsonia, muscular, and neurol-potective, beta as amyloid-beta fibril formation and/lators and as mayloid-beta fibril formation and/lators, and as immune system modulators. (C) can be used for preventing or treating an indicto-moderate cognitive impairment, vascular dementia, cerebral muscular, pro-moderate cognitive impairment, vascular dementia, cerebral mayloid-beta related disease e.g. Alzelmer's disease (including sporadic anyloid-apty, any pro-moderate cognitive indepartment, vascular disease, indictoning anyloid-apty myositis, age-lated macular dementia, cesebroardscular disease, ardiovascular disease, and monty loss, anxlety, a behavioural dysfunction (e.g. apathy, alsease, ammory loss, anxlety, a behavioural dysfunction (e.g. Huttington's disease, ammory loss, anxlety, a peravia, agnosia, pick disease, dementia disease, apparai, apraxia, agnosia, pick disease, dementia disease, amyotrophic lateral sclerosis, acquired immunodeficiency. Parkinson's disease, aphasia, apraxia, agnosia, pick disease, dementia cattack or stroke, transient alertness, attention deficit, frequent falls, hancoprominal disinhibition, poor insight, suicidal cattachin, depressed mood, irritability, anhedonia, social without anyloid-beta deposits. The present sequence represents a beta-aving amyloid-beta dep
                                  Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                          Disclosure; Page 87; 143pp; English.
WPI; 2004-543342/52.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8 AA;
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forms of amyloid precursor proteins comprising from the 5' to the 3' end a sequence encoding a marker and either (1) a sequence encoding the N-terminus of an amyloid precursor protein (APP) up to, but not including, the nucleotides encoding the beta amyloid protein (BAP) domain or (2) the BAP domain; or the two ligated together, can be used to detect drugs or compounds that inhibit/augment the activity of proteolytic enzymes which cleave APP to generate BAP fragments (deposition of which occurs in patients with Alzheimesa disease and Down's syndrome). This is a fragment of amyloid precursor protein containing a mutation which is associated

with diseases involving BAP deposition

Recombinant polypeptides produced using the coding sequences of mutant

Disclosure; Page 35; 66pp; English.

cpds. that

New mutant forms of amyloid precursor protein - for detecting cpds. modify activity of enzymes involved in precursor cleavage, also new nucleic acid encoding them.

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Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                            Gaps
                                            ö
                                            0; Indels
                      88.2%; Score 30; DB 2; Length 9; 85.7%; Pred. No. 1.8e+06;
                                           1; Mismatches
                                                                                                                                                                                                                                                                                                                              /note= "C-terminal amide"
                                                                                                                                                                                                                                                                                                       Location/Qualifiers
                                                                                                                                              AAB48493 standard; peptide; 9 AA.
                                                                                                                                                                                                                Antifibrillogenic peptide #20.
                                                                                                                                                                                                                                                                                                                                                                                               04-MAY-2000; 2000WO-CA000515.
                                                                                                                                                                                                                                                                                                                                                                                                                       99US-0132592P
                                                                                                                                                                                        02-MAR-2001 (first entry)
                                           6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                             (NEUR-) NEUROCHEM INC
                               Local Similarity
                                                                 1 KKLVFFA 7
                                                                                OKLVFFA 7
Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                     WO200068263-A2
                                                                                                                                                                                                                                                                                                         Key
Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                     05-MAY-1999;
                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                         16-NOV-2000.
                                                                                                                                                                    AAB48493;
                      Query Match
                                                                                                                        RESULT 24
AAB48493
                                            Matches
                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                              Amyloid precursor protein; APP; beta amyloid protein; BAP; detection; Alzheimer's disease; Down's syndrome.
                                                                                                                                                                                                     Gaps
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88.2%; Score 30; DB 8; Length 8; 85.7%; Pred. No. 1.8e+06; ive 1; Mismatches 0; Indels

Query Match
Best Local Similarity 85.7
Matches 6; Conservative

1 KKLVFFA 7 :[||||| 2 QKLVFFA 8 Mutant amyloid precursor protein fragment.

Homo sapiens

(first entry)

20-JUN-1994 AAR45239;

AAR45239 standard; peptide; 9 AA.

RESULT 23 AAR45239

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Gupta A;

Gervais F,

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The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer'e disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
                                                                                                                                                 Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Peptide #20, used as carrier for the amyloid-beta40 (Abeta40) inhibitor.
                                                           Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
                                                                                                                                                                                                                                                                                                     Score 30; DB 4; Length 9;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /note= "C-terminal amide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Disclosure; Page 10; 68pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAU11667 standard; peptide; 9 AA.
                                                                                                                              Claim 7; Page 25; 46pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    99US-0171877P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22-DEC-2000; 2000WO-IB002078
                                                                                                                                                                                                                                                                                                           88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     09-APR-2002 (first entry)
                                                                                                                                                                                                                                                                                                                           Local Similarity 85.7 tes 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gervais F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2002-075222/10.
                                                                                                                                                                                                                                                                                                                                                                     1 KKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                   3 OKLVEFA 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Key
Modified-site
                                                                                                                                                                                                                                                                                  Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         23-DEC-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15-NOV-2001.
              Chalifour R,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Green AM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAU11667;
                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 25
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The present invention describes a method (MI) for analysing cleavage of a CC polymer. MI comprises: (a) providing a sample of the polymer, a portion composition composition of the polymer molecules having been labeled at a position on ne side of the potential cleavage site with a first isotopic label and a portion of the potential cleavage site with a second isotopic label; (b) compating the sample under conditions suitable for cleavage at the incubating the sample under conditions suitable for cleavage at the conditions suitable for cleavage at cleavage has taken place. MI is useful for analysing cleavage of where cleavage has taken place. MI is useful for analysing cleavage of polymer, where the polymer is a linear polymer, and comprises a peptide condition or improved synthetic substrates for both known and unknown enzymes, condition in prosticional peptide scanning clearity is ensuring methods at in a vivo/ex vivo/in vitro peptide, and in assaying methods for clearities, in in vivo/ex vivo/in vitro peptide, and in assaying methods conditional place.
                                                                                                                                                                                                                                                                                ö
can be used for treating disease states characterised by cerebral amyloid angiopathy, particularly Alzheimer's disease, hereditary cerebral haemotrhage with amyloidosis of the Dutch type and haemotrhagic stroke. The present sequence represents one of a group of peptides (AAU11648-AAU1669, AAU15191 & AAU11191) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by cerebral amyloid anglopathy (CAA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Analyzing cleavage of polymer, by providing polymer sample, incubating the sample with labeled isotope for cleavage at potential cleavage site, and analyzing the masses of any uncleaved fragments by mass spectrometry.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mass spectrometry; polymer; analysis; cleavage; substrate specificity; isocope; protease.
                                                                                                                                                                                                                                                                                Gaps
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Differentially isotopically labelled (DiMaS) peptide #10.
                                                                                                                                                                                                                                      Score 30; DB 5; Length 9;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Example 3; Page 26; 73pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABP57517 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25-JUN-2002; 2002WO-GB002921.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26-JUN-2001; 2001GB-00015581
                                                                                                                                                                                                                                               88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (first entry)
                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (GLAX ) GLAXO GROUP LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WPI; 2003-184066/18.
                                                                                                                                                                                                                                                                     Similarity
                                                                                                                                                                                                                                                                                                                                  1 KKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WO2003001206-A1
                                                                                                                                                                                                         Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                28-APR-2003
                                                                                                                                                                                                                                                                                             9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABP57517;
                                                                                                                                                                                                                                                   Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 26
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Gaps .. 0

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The invention describes an isolated inhibitory peptide (I) which interacts with a hydrophobic beta-sheet forming cluster of amino acid residues on a protein or peptide for amyloid -like deposit formation, and inhibits or structurally blocks the abnormal folding of proteins and peptides into amyloid or amyloid-like deposits and into pathological beta-sheet-rich conformation. (I) is useful for disorders or diseases associated with abnormal protein folding into amyloid or amyloid-like deposits, such as Alzheimer's disease, Down's syndrome, other amyloidosis disorders, human prion diseases, such as kuru, Creutzfeldt-Jakob disease (CDD), Gerstmann-Straussler-Schelnker syndrome (GSS), prion associated human neurodegenerative diseases as well as animal prion diseases such as crapie, spongiform encephalopathy, transmissible mink encephalopathy and chronic wasting disease of mule deer and elk. (I) is also useful for detecting and diagnosing the presence or absence of amyloid or amyloid-
                                                                                                                                                                     ö
protein expression. The methods are useful for monitoring the cleavage of polypetrides or polymucleotides, and for determining optimal polymer substrates, 48P57505 to ABP57605 represent peptides used in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Amyloid formation; amyloid-like deposit; Alzheimer's disease; pathological beta-sheet-rich conformation; Down's syndrome; amyloidosis disorder; human prion disease; kuru; CJD; Creutzfeldt-Jakob disease; Gerstmann-Straussler-Scheinker syndrome; GSS; prion associated human neurodegenerative disease; animal prion disease; scrapie; spongiform encephalopathy; transmissible mink encephalopathy;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Novel inhibitory peptides which inhibit and structurally block abnormal folding of protein into amyloid or amyloid-like deposit and into pathological beta-sheet rich conformation, useful for treating
                                                                                                                                                                      Gaps
                                                                                                                                                                     ö
                                                                                                                                Score 30; DB 6; Length 9;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Baumann MH, Frangione B;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Disclosure; Col 47-48; 51pp; English
                                                                                                                                                                                                                                                                                                                                      ABU79053 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Aggregation blocking peptide #5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      9603-00766596
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             95US-00478326
                                                                                                                              88.2%;
ilarity 85.7%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (UYNY ) UNIV NEW YORK STATE.
                                                                                                                                                                                                                                                                                                                                                                                                                 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          chronic wasting disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2003-379012/36.
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OKLVFFA 9
                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                         1 KKLVFFA 7
                                                                                           Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Soto-Jara C,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US6462171-B1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12-DEC-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           07-JUN-1995;
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                                                                                                                                                                                                                                                                                                                                                                                                                 17-JUN-2003
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                                                                                                                                                                                                                                                                                                                                                                           ABU79053;
                                                                                                                                                   Best Loca
Matches
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The invention relates to a method for prevention and/or treatment of an amploid-related disease which comprises administration of an all-D - amyloid-beta peptide. The method is used for preventing and/or treating Alzheimer's and other amyloid related disease e.g. cerebral amyloid angiopathy; for altering serum levels of amyloid-beta in a mammal and tavours the clearance of soluble amyloid-beta or fibril amyloid-beta from the mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including inflammatory diseases e.g. rheumatoid arthritis, juvenile chropath, arthritis, ankylosing spondylitis, psoriasis, psoriatic arthropathy, Reiter's syndrome, Adult Still's disease, Bechet's syndrome and Crohn's disease. AA deposits are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus clears, chronic pyelonephritis, osteomyelitis and Whipple's disease). Certain malignant neoplasms can also result in AA fibril amyloid deposits
                                                                                                                                                        ö
like deposits in vivo and its precursors. This is the amino acid sequence of peptide associated with the inhibition of amyloid or amyloid like
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootrome; chonic pyelonephritis; osteomyelltis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Prevention and/or treatment of an amyloid-related disease e.g.
Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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                                                                                                                                                      0; Indels
                                                                                                                  Length 9;
                                                                                                                88.2%; Score 30; DB 6; Le 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Chalifour RJ, Kong X;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note= "D-form residues"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                 AAE35436 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Claim 1; Page 58; 44pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29-MAY-2002; 2002WO-CA000763.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               29-MAY-2001; 2001US-00867847.
                                                                                                                  88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                           17-JUN-2003 (first entry)
                                                                                                                                                      6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gervais F, Hebert L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WPI; 2003-201269/19.
                                                                                                                                  Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Misc-difference 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Abeta peptide #7.
                                                                                                                                                                                              1 KKLVFF
                                                                            Sequence 9 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   05-DEC-2002,
                                                                                                                                                                                                                                                                                                                                                                     AAE35436;
                                          deposits
                                                                                                                  Query Match
                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                           RESULT 28
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amyloid beta peptide; vaccine; immunisation; neuroprotective; Alzheimer's disease.

Amyloid beta peptide SEQ ID NO:28.

(first entry)

22-APR-2004

ADI35874;

ADI35874 standard; peptide; 9 AA.

RESULT 30

(MIND-) MINDSET BIOPHARMACEUTICALS INC.

Chain DG, Fitzer-Attas C;

WPI; 2004-122759/12.

16-JUL-2003; 2003WO-US022280.

WO2004006861-A2.

Synthetic.

22-JAN-2004

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The invention relates to inhibitory peptide comprising a portion of at least three amino acid residues and a sequence predicted not to adopt a beta-sheet structure that associates with a hydrophobic beta-sheet cluster on a protein or peptide involved in the abnormal folding into a beta-sheet structure, to structurally block the abnormal folding of the protein or peptide. The inhibitory peptide is useful for preparing a composition for preventing, treating or detecting disorders or diseases associated with amyloid-like fibril deposits e.g. Alzheimer's disease prion related encephalopathies. The invention is also useful in gene therapy. The present sequence is a peptide used in the invention
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      New inhibitory peptide, useful for preparing a composition for diagnosing, preventing or treating disorders associated with amyloid-like fibril deposits, e.g. Alzheimer's disease, or prion related
including Hodgkin's lymphoma, renal carcinoma, carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                      Amyloid-like fibril deposit; prion related encephalopathy; gene therapy;
                                                                                                                                                         Gaps
                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        88.2%; Score 30; DB 7; Length 9; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
                                                                                                                           Length 9;
                                                                                                                                                       0; Indels
                                                                                                                        88.2%; Score 30; DB 6; L
85.7%; Pred. No. 1.8e+06;
iive 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Baumann MH, Frangione B;
                                                                                                                                                                                                                                                                                                                                                                                                          Peptide #5 used in the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Claim 1; Page 25; 52pp; English.
                                                                                                                                                                                                                                                                                                           ABW00187 standard; peptide; 9 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           95US-00478326.
96US-00630645.
96US-00766596.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            06-SEP-2002; 2002US-00235483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (UYNY ) UNIV NEW YORK STATE.
                                                                                                                                                                                                                                                                                                                                                                             (first entry)
                                                                                                                           Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2003-616149/58
                                                                                                                                                                                           1 KKLVFFA 7
                                                                                                                                                                                                               : | | | | | | | | OKLVFFA 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              encephalopathies.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US2003087407-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 9 AA;
                                                                                            Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           07-JUN-1995;
10-APR-1996;
12-DEC-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Soto-Jara C,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unidentified.
                                                                                                                                                                                                                                                                                                                                                                           15-JAN-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              08-MAY-2003
                                                            invention
                                                                                                                                                                                                                                                                                                                                              ABW00187;
                                                                                                                                                                                                                                                                               RESULT 29
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The present invention describes an isolated amyloid beta peptide or its chomologue which is selected by a method comprising: (a) determining the homologue which is selected by a method comprising: (a) determining the binding value of each amino acid of a myloid beta peptide cupon binding to a Hind Lass I and/or class II molecule of interest; (b) determining the resulting score of all amino acids of the subsequence, cased on the binding value of each amino acids obtained in step (1); and cc a vaccine comprising the resulting score to a preselected value. Also described: (c) comparing the reaction of an individual beta peptide and a carrier or diluent; (2) determining T-cell epitopes within amyloid beta peptide; (3) predicting the reaction of an individual to a vaccine; (4) matching a vaccine comprising a beta amyloid or homologue peptide to an individual; (c) or immunisation of an individual based on the HLA haplotype of the individual; (s) a kit for matching a vaccine comprising amyloid beta on individual based on the HLA haplotype of the individual; (c) a kit for matching a vaccine comprising amyloid beta amyloid beta peptide has neuroprotective activity, and can be used in composition or vaccines. The amyloid beta peptide is useful for preparing a composition comprises. The amyloid beta peptide is useful for preparing a composition of preventing the formation or progression of amyloid plaques for preventing the formation or progression of amyloid plaques for represents an amyloid beta (bbeta) peptide, which is used in an example
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         New amyloid beta peptide, useful for preparing a composition for preventing the formation or progression of amyloid plaques for preventing or treating Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 30; DB 8; Length 9; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example 2; SEQ ID NO 28; 69pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    from the present
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9 AA;
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Matches
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Gaps

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Indels

6; Conservative

Query Match Best Local Similarity Matches 6; Conserv

RESULT 31 ADQ37260

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15-JUL-2004.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADQ37332;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidonimetic that modulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation; or therapeutic immune response against amyloid-beta fibril formation; or therapeutic immune system modulator that prevents or inhibits amyloid-beta fibril formation. Also described is a kit comprising (C). (C) have noctropic, neuroprotective, cerebroprotective, haemostatic, (C) noteropic, neuroprotective, response as anyloid-beta antithyroid, vasotropic, cardiovascular, tranquilliser, uropathic, anticonvulsant, antidepressant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzaheimer's disease (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, amyloid angiopathy, hereditary cerebral hemorrhage, senile dementia, amyloid angiopathy, hereditary cerebral hemorrhage, senile dementia, commune syndrome, inclusion body myositis, age-related macular (including hypothyroidism, cerebral hemorrhage, cardiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. Huntington's aggression, or incontinence), a neurological condition (e.g. Huntington's
                                                                                                                        amyloid-beta; amyloid-beta related disease;

amyloid-beta fibril formation; immune response; nootropic;

metroprotective; cerebroprotective; haemostatic; ophthalmological;

metripyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

antichyroid; vasotropic; cardiovascular; mercoleptic;

antichyroid; anticHV; antipatkingonian; muscular; neuroleptic;

anticonvulsant; antidepressant; endocrine; hypnotic;

antichoratic fibril formation modulator; immune system modulator;

antichoratic fibril formation modulator; immune system modulator;

antichorate cognitive impairment, vascular dementia;

cerebral amyloid angiopathy; hereditary cerebral haemorrhage;

somile dementia; pown's syndrome; inclusion body myositis;

age-related macular degeneration; hypothyroidism;

cerebrovascular disease; cardiovascular disease; memory loss; anxiety;

cerebrovascular dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                Vaccine antigen amyloid-beta related amino acid sequence.

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    /note= "D-form residues"

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                                                                                                                                                                                                                                                                                                                                                                                                                               Location/Qualifiers
ADQ37260 standard; peptide; 9 AA.
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23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24-DEC-2003; 2003WO-CA002021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (NEUR-) NEUROCHEM INT LTD.
                                                               07-OCT-2004 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gervais F, Bellini F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WPI; 2004-543342/52.
                                                                                                                                                                                                                                                                                                                                                                   vaccine antigen.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Misc-difference
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WO2004058239-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15-JUL-2004.
                                                                                                                                                                                                                                                                                                                                                                                                  Synthetic.
                                ADQ37260;
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disease, amyotrophic lateral sclerosis, acquired immunodeficiency,
barkinson's disease, aphasia, apraxia, agnosia, Pick disease, dementia
with Lewy bodies, altered muscle tone, seazures, sensory loss, visual
field deficite, incoordination, gait disturbance, transient ischaemic
attack or stroke, transient alertness, attention deficit, frequent falls,
contack, neuroloptic sensitivity, normal pressure hydrocephalus, subdural
heematoma, brain tumour, posttraumatic brain injury, or posthypoxic
damage), or a psychological condition (e.g. depression, delusions,
continusion, hallucination, sexual disorder, weight loss, psychosis, a sleep
disturbance, insomnia, behavioural disinhibition, poor insight, suicidal
ideation, depressed mood, irritability, anhedonia, social withdrawal, or
contact of precursor protein gene, an Apos gene, or a presentin gene,
amyloid precursor protein gene, an Apos gene, or a presentin gene,
contact of that can be used as a vaccine antigen in the exemplification of the
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amyloid-beta fibril formation; immune response; nootropic;
neuroprotective; cerebroprotective; haemostatic; ophthalmological;
antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;
cardiant; antidepressant; endocrine; hypontic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer's disease; mild cognitive impairment;
mild-to-moderate cognitive impairment; vascular dementia;
cerebral amyloid angiopathy; hereditary cerebral haemorrhage;
senile dementia; Down's syndrome; inclusion body myositis;
age-related macular degeneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
behavioural dysfunction; neurological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 30; DB 8; Length 9;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Antifibrillogenic amyloidosis inhibiting peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADQ37332 standard; peptide; 9 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         24-DEC-2003; 2003WO-CA002021.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  07-OCT-2004 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gervais F, Bellini F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 KKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 present invention.
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OKLVFFA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 9 AA;
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Modified-site
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Amyloid deposit; APP; Abeta; brain; human; clearing response; nootropic; Fc receptor mediated phagocytosis; immunogenic response; neuroprotective; amyloid precursor protein; Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                  Human APP derived immunogenic peptide #22.
                                 Disclosure; Page 70; 143pp; English
                                                                                                                                                                                                                                                                                                                                                AAB46226 standard; peptide; 10 AA.
                                                                                                                                                                                                                                                                                  88.2%;
                                                                                                                                                                                                                                                                                                                                                                       04-APR-2001 (first entry)
                                                                                                                                                                                                                                                                                               6; Conservative
                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                         1 KKLVFFA 7
                                                                                                                                                                                                                                                                                                                     3 OKLVFFA 9
                                                                                                                                                                                                                                                                        Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
                                                                                                                                                                                                                                                                                                                                                             AAB46226;
                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                      RESULT 33
                                                                                                                                                                                                                                                                                                                                             AAB46226
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disease associated with amyloid deposits of amyloid precursor protein (APP) Abeta fragments in the brain of a patient, which comprises administering to the patient: (a) an antibody that binds to Abeta, the antibody binds to an amyloid deposit and induces a clearing response (For receptor mediated phagocytosis) against it (b) a polypeptide containing an N-terminal segment of at least residues 1.5 of Abeta; or (c) an agent that induces an immunogenic response against residues 1.3 to 7-11 of Abeta. The products of the invention have nootropic and neuroprotective activity. The method is also useful for monitoring a course of treatment being administered to a patient e.g. active and passive immunization. The Alzheimer's disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Amyloid deposit; APP; Abeta; brain; human; clearing response; nootropic; Fc receptor mediated phagocytosis; immunogenic response; neuroprotective; amyloid precursor protein; Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                         Preventing or treating a disease associated with amyloid deposits, especially Alzheimer's disease, comprises administering amyloid specific
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 30; DB 4; Length 10;
                                                                                                                                                                                                                                                      Vasquez NJ, Yednock T;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. 12;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human APP derived immunogenic peptide #21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                Disclosure; Fig 19; 143pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAB46225 standard; peptide; 10 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               88.2%;
                                                                                                            26-MAY-2000; 2000WO-US014810.
                                                                                                                                                              99US-00322289
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                              (NEUR-) NEURALAB LID
                                                                                                                                                                                                                                                                                                      WPI; 2001-032104/04.
                                                                                                                                                                                                                                                           Bard F,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 OKLVFFA 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10 AA;
                    WO200072880-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens.
                                                                                                                                                                 28-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       07-DEC-2000
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                                                                   07-DEC-2000
                                                                                                                                                                                                                                                              Schenk DB,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAB46225;
                                                                                                                                                                                                                                                                                                                                                                                                          antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                             The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (i) a peptide or peptidomimetic that a second agent (a2) that is: (i) a mimmure septeme modulators that prevents or inhibite amyloid-beta (ii) an immune system modulator that prevents or inhibite amyloid-beta (ibil i) an immune system modulator is a kit comprisatio; (C) have noticeptic, neuroprotective, carebroprotective, cardiovascular, tranquilliser, orthaniconvolant, antichycolid, vasotropic, cardiovascular, misculas in minconvolant, antichycolid, vasotropic, cardiovascular, misculas in a minconvolant, antichycolid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (including sporadic for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (including spotathy, hereditary cerebral haemorings, senile dementia, on all-to-moderate cognitive impairment, vascular dementia campled anyloid-beta fibril formation and modulators. (C) con be used for preventing or treating or treating anyloid anglopathy, hereditary cerebral haemorings, senile dementia, on anyloid anglopathy, hereditary cerebral haemorings, senile dementia, on incontinence), a murclogical condition (e.g. flutting thy or incontinence), a murclogical condition described anyloid-sensition, and including hypothyroidism, creebroascular disease, amyotrophic lateral solerois, sectures, sensory loss, visual stack or stroke, transfent, selementia, extending anyloid precensed mood, irritabliny, and produced mood, irritabliny, and produced mood, irritabliny, and percente sensitivity, normal presente hydrocephalus, suicidad disturbance, insomnia, behavioural disidnibility and percente anyloid precursor protein gene, an anti
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                                             Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
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Pred. No. 1.8e+06;
1; Mismatches 0; Indels
            WPI; 2004-543342/52
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Gaps ;

0; Indels

Vasquez NJ, Yednock T;

Bard F,

Schenk DB,

99US-00322289

28-MAY-1999;

(NEUR-) NEURALAB LID.

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Sequence 10 AA
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                                                                                                    disease associated with amyloid deposits of amyloid precursor protein (APP) Abeta fragments in the brain of a patient, which comprises administering to the patient: (a) an antibody that binds to Abeta, the antibody binds to an amyloid deposit and induces a clearing response (Fc receptor mediated phagocytosis) against it (b) a polypeptide containing an N-terminal segment of at least residues 1-5 of Abeta, or (c) an agent that induces an immunogenic response against residues 1-3 to 7-11 of Abeta. The products of the invention have nootropic and neuroprotective activity. The method is also useful for monitoring a course of treatment being administered to a patient e.g. active and passive immunization. The methods are useful for prophylactic and therapeutic treatment of Alzheimer's disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Amyloid deposit; APP; Abeta; brain; human; clearing response; nootropic; Fc receptor mediated phagocytosis; immunogenic response; neuroprotective; amyloid precursor protein; Alzheimer's disease.
                                Preventing or treating a disease associated with amyloid deposits, especially Alzheimer's disease, comprises administering amyloid specific antibody.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Preventing or treating a disease associated with amyloid deposits, especially Alzheimer's disease, comprises administering amyloid specific antibody.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     This invention describes a novel method of preventing or treating a disease associated with amyloid deposits of amyloid precursor protein (APP) Abeta fragments in the brain of a patient, which comprises
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Pred. No. 12;
1; Mismatches 0; Indels
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                                                                             Disclosure; Fig 19; 143pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                      AAB46224 standard; peptide; 10 AA.
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Best Local Similarity 85.70,
The 6; Conservative
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          WPI; 2001-032104/04
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administering to the patient: (a) an antibody that binds to Abeta, the antibody binds to an amyloid deposit and induces a clearing response (Foresponse dedated phagosytosis) against it (b) a polypeptide containing an N-terminal segment of at least residues 1-5 of Abeta; or (c) an agent that induces an immunogenic response against residues 1-3 to 7-11 of Abeta. The products of the invention have notropic and neuroprotective activity. The method is also useful for monitoring a course of treatment being administered to a patient e.g. active and passive immunization. The methods are useful for prophylactic and therapeutic treatment of
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10 AA;
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AAB82641;

RESULT 37 AAB82641

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(NEUR-) NEUROCHEM INC
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Best Local Similarity
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                                                                                                     Sequence 10 AA;
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Matches
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                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
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                               Length 10;
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                                     DB 4;
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/note= "all D-form residues"
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                                     88.2%; Score 30; DB
85.7%; Pred. No. 12;
ive 1; Mismatches
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28-NOV-2000; 2000US-00724842.
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                                                                                               6; Conservative
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                                     Query Match
Best Local Similarity
Matches 6; Conser
                                                                                                                                                1 KKLVFFA 7
                                                                                                                                                                                      OKLVFFA 7
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Misc-difference
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The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The agent is of general formula A.t.(A. l.n. K) 2-A. l.a. b. (I) where z=0 - 1, A.t. = an amyloid targeting moiety, A.l.n. K=\overline{a} linker moiety, and A.l.a.b. a labelling moiety. Also included are imaging amyloid deposition or diagnosing an amyloid-related condition in a patient involving aministering (I) to the patient, and ultrasound imaging (I) in the patient to determine the presence of amyloid or amyloid-related condition; and a kit for preparing a radiopharmaceutical preparation comprising (i) a reducing agent, a buffering agent, a transfeleating agent, and instructions for the preparation and use of the radiopharmaceutical in the imaging of amyloid or an amyloid-related condition. The agents are used for imaging amyloid deposition and for diagnosing an amyloid related
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chronic infection (e.g. tuberculosis) or chronic inflammation (e.g. rheumatoid arthritis), familial Mediterranean fever (FMF) and systemic amyloidosis found in long-term haemodialysis patients
                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Amyloid targeting peptide #19.
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24-JUL-2001; 2001US-00915092.
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85.7%;
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The present invention describes a method (M1) for analysing cleavage of a polymer. M1 comprises: (a) providing a sample of the polymer, a portion of the polymer molecules having been labeled at a position on one side of the potential cleavage site with a first isotopic label and a portion of the potential cleavage site with a first isotopic label and a portion of the potential cleavage site with a second isotopic label; (b) incubating the sample under conditions suitable for cleavage at the potential cleavage site; and (c) analysing the mass(es) of any cleaved. Tragments by mass spectrometry and thereby determining whether and/or where cleavage has taken place. M1 is useful for analysing cleavage of a polymer, where the polymer is a linear polymer, and comprises a peptide or protein. Methods from the present invention can be used in discovering new or improved synthetic substrates for both known and unknown enzymes, c. s. e.g. enzymes identified from the human genome. The methods are also useful to identify the sequence origin, and in screening methods to
condition e.g. Creutzfeldt-Jakob disease (CJD), kuru, transmissible cerebral amyloidoses (transmissible virus dementias), familial CJD, scraple, transmissible mink encephalopathy, bovine spongiform encephalopathy (BSE), inflammation-associated amyloid, type II diabetes, primary amyloidosis, feline spongiform encephalopathy, non-transmissible cerebral amyloidosis, Alzheimer's disease, prion-mediated diseases, dialysis erleated amyloidosis, light chain-related amyloidosis, cerebral amyloid angiopathy. The agents are capable of crossing the blood-brain barrier and are capable of binding specifically to amyloid plaques. The present sequence is a peptide forming the amyloid targeting moiety of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Analyzing cleavage of polymer, by providing polymer sample, incubating the sample with labeled isotope for cleavage at potential cleavage site, and analyzing the masses of any uncleaved fragments by mass spectrometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 spectrometry; polymer; analysis; cleavage; substrate specificity;
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Best Local Similarity
Matches 6; Conserv
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OKLVFFA 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        isotope; protease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WO2003001206-A1.
                                                                                                                                                                                                                                                       Sequence 10 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               28-APR-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               03-JAN-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mckeown SC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABP57511;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mass
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 39
      8533333333335555
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               libraries, in in vivo/ex vivo/in vitro peptide, and in assaying methods for oligonuclectide or peptide sequencing and in measuring differential protein expression. The methods are useful for monitoring the cleavage of polypeptides or polyuclectides, and for determining optimal polymer substrates. ABP57505 to ABP57605 represent peptides used in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; ostcomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The invention relates to a method for prevention and/or treatment of an amyloid-related disease which comprises administration of an all-D-amyloid-beta peptide. The method is used for preventing and/or treating Alzheimer's and other amyloid related disease e.g. cerebral amyloid angiopathy; for altering serum levels of amyloid-beta in a mammal and favours the clearance of soluble amyloid-beta or fibril amyloid-beta frothe mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including also used for treasting spondylitis, postiatis, juvenile chronic arthritis, ankylosing spondylitis, postiasis, psoriatic arthropathy, Reiter's syndrome, Adult Still's disease, Bechet's syndrome and Crohn's
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis;
                                                                                                                                                                                                                    Gaps
new substrates for enzymes, in positional peptide scanning
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Prevention and/or treatment of an amyloid-related disease e.g.
Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
                                                                                                                                                                                                                    ö
                                                                                                                                                                                6; Length 10;
                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Kong X;
                                                                                                                                                                              Score 30; DB 6
Pred. No. 12;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note= "D-form residues"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Chalifour RJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                    AAE35455 standard; peptide; 10 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 1; Page 59; 44pp; English.
                                                                                                                                                                            88.2%;
85.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 29-MAY-2002; 2002WO-CA000763.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       29-MAY-2001; 2001US-00867847
                                                                                                                                                                                                                                                                                                                                                                                                                                                            (first entry)
                                                                                                                                                                                                                  6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Hebert L,
                                                                                                                                                                                               Local Similarity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 2003-201269/19.
                                                                                                                                                                                                                                                        ~
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Abeta peptide #26
                                                                                                                                                                                                                                                      1 KKLVFFA
                                                                                                                                                                                                                                                                                            OKLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Misc-difference
                                                                                                                                            Sequence 10 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WO200296937-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                            17-JUN-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             05-DEC-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gervais F,
                                                                                                                                                                                                                                                                                                                                                                                                                        AAE35455;
                                                                                                                                                                                Query Match
                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                              RESULT 4
888888888888
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Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
          infections (preferably leprosy, tuberculosis, bronchiectssis, decubitus ulcers, chronic pyelonephritis, osteomyelltis and Whipple's disease). Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinoma, carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cerebrovascular disease; cardiovascular disease; memory loss; anxiety; behavioural dysfunction; neurological condition;
chronic microbial
                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amyloid-beta; amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
anteroprotective; nerebroprotective; hemostatic; ophthalmological;
antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;
cardiant; antidepressant; endoctine; hypontic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer's disease; mild cognitive impairment;
mild-to-moderate cognitive impairment; vascular dementia;
eserbral amyloid angiopathy; hereditary cerebral haemorrhage;
senile dementia; bown's syndrome; inclusion body myositis;
age_related macular degeneration; hypothyrodism;
                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Vaccine antigen amyloid-beta related amino acid sequence.
                                                                                                                                                                                6; Length 10;
                                                                                                                                                                                                                  0; Indels
 disease. AA deposits are also produced as a result of
                                                                                                                                                                                  Score 30; DB 6; Pred. No. 12; 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note= "D-form residues"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Disclosure; Page 67; 143pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                      ADQ37280 standard; peptide; 10 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         24-DEC-2003; 2003WO-CA002021
                                                                                                                                                                                    88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (NEUR-) NEUROCHEM INT LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                                                                                                                                       6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gervais F, Bellini F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2004-543342/52.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Misc-difference 1.
                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                     1 KKLVFFA 7
                                                                                                                                                                                                                                                                                        OKLVFFA 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WO2004058239-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          vaccine antigen
                                                                                                                                                      Sequence 10 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         15-JUL-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                       07-OCT-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Synthetic.
                                                                                                                       invention
                                                                                                                                                                                                                                                                                                                                                                                                      ADQ37280;
                                                                                                                                                                                                                                                                                                                                         RESULT 41
                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                            ADQ37280
                                                                                                                                                                                                                                                                                                                                                                                        8888888888
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The present invention describes compositions (C) comprising; (a) a first a second agent (a1) that ties (1) a papella or peptidomimetic that a second agent (a1) that is: (i) a peptide or peptidomimetic that a second agent (a1) that is: (i) a peptide or peptidomimetic that a second agent (a1) that is: (i) a peptide or peptidomimetic that condulates amyloid-beta instantion or induces a prophyladic or therapeutic immune response against amyloid-beta instantion of the contropic, neuroprofective, cerebroprofective, namedalar, antichyroid, vasotropic, cardiovascular, tranquilliser, uropathic, anticonvolsant, antidepressant, endocrime and hypnotic activities, curopathic, anticonvolsant, antidepressant, endocrime and hypnotic activities, neuroleptic, cardiant, antidepressant, endocrime and hypnotic activities, neuroleptic, cardiant, antidepressant, endocrime and hypnotic activities, neuroleptic, cardiant, antidepressant, endocrime and hypnotic activities, neuroleptic, antidepressant, endocrime and hypnotic activities, neuroleptic, damilial (hereditary) inid cognitive impalrment, camploid-beta related disease e.g. Altachmer's disease (including sporadic (including sporadic camploid angiopathy, hereditary cerebral haemorrhage, senile dementia, camploid-beta related angiopathy, hereditary cerebral haemorrhage, senile dementia, camploid-beta angiorial angioratic angioration associated with Altachmer's dementia, camploid-beta activities and participal angioration and condition (e.g. anxiety, a behavioural dysfunction (e.g. apathy, disease, memory loss, anxiety, a behavioural dysfunction (e.g. anning cagnession, or incontinence), a neurological condition (e.g. function (e.g. anning cattack or stroke, transient agraxia, agnosia, andition deficits, incoordination, gait disturbance, transient isohamic cattack or stroke, transient aperal solations and pressed model or services and camploid-beta deposits altered was condition in an aubject e.g. human having a genemial apprach or a psychological condition or a presentiling and part
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amyloid-beta; amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
amyloid-beta fibril formation; immune response; nootropic;
neuroprotective; cerebroprotective; haemostatic; ophthalmological;
antichyroid; vasotroppic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;
cardiant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer's disease; mild cognitive impairment;
mild-to-moderate cognitive impairment; vascular dementia;
cerebral amyloid angiopathy; hereditary cerebral haemorrhage;
senile dementia; Down's syndrome; inclusion body myositis;
age-related macular degeneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8; Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
The present invention describes compositions (C)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      88.2%; Score 30; DB 85.7%; Pred. No. 12; ive 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Amyloid-beta polymerisation peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADQ37371 standard; peptide; 10 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 KKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 OKLVFFA 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 10 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             07-OCT-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADQ37371;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADQ37371
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behavioural dysfunction; neurological condition; psychological condition;
                                         vaccine antigen.
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Synthetic.

WO2004058239-A1.

15-JUL-2004

24-DEC-2003; 2003WO-CA002021

24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P.

(NEUR-) NEUROCHEM INT LTD.

Gervais F, Bellini F;

WPI; 2004-543342/52.

Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.

Disclosure; Page 95; 143pp; English.

The present invention describes compositions (C) comprising: (a) a first capen (a1) that prevents or treats amyloid-beta related disease; and (b) agecond agent (a2) that is: (i) a peptide or peptidomimetic that modulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune response against amyloid-beta intibits amyloid-beta (i) an immune system modulator that prevents or inhibits amyloid-beta (ii) an immune system modulator that prevents or inhibits amyloid-beta nutchylorid, vasotropic, cardiovascular, tranquilliser, or intophalant, antichyroid, vasotropic, cardiovascular, tranquilliser, or phthalmological, antichyroid, vasotropic, cardiovascular, tranquilliser, neuroleptic, cardiant, anticheral fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzelmer's disease (including sporad, or and can be used endial to preventing or treating an amyloid-beta related disease e.g. Alzelmer's disease (including sporad, or condition associated with Alzelmer's disease (including phycothyroids, creebral haemorrhage, senile dementia, own's syndrome, inclusion body myopidi, disease, dardiovascular disease, memory loss, anxiety, a behavioural disease, cardiovascular disease, memory loss, anxiety, a behavioural disease, cardiovascular disease, amportyphy or incontinence), a neurological condition (e.g. aptression, or incontinence), a neurological condition (e.g. Huttington's disease, amovor loss, anxiety, a behavioural disease, dementiant ischaemic they bodies altered muscle fone, selzures, sensory loss, anxiety, a peracity or cardior anyotrophic lateral alerness, attention deficit, frequent falls, syncope, neuroleptic sensitivity, normal pressure hydrocephalus subdural disease, or surpoke, transient alerness, attention deficit, frequent disease, or surpoke, transient alerness, attention deficits, demention, sand disorder, weight loss, psychopsical condition, sand disorder, weight loss, psychopsical condition, sand present invention

Sequence 10 AA;

ö Gaps ö 88.2%; Score 30; DB 8; Length 10; 85.7%; Pred. No. 12; 0; Indels ive 1; Mismatches 0; Indels 6; Conservative Query Match Best Local Similarity Matches 6; Conserv

KW amyloid-beta; amyloid-beta related disease;

KW amyloid-beta fibril formation; immune response; nootropic;

KW neuroprotective; cerebroprotective; haemostatic; ophthalmological;

Mantihyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

KW anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;

KW antidepressant; endocrine; hypnotic;

Markind-beta fibril formation modulator; immune system modulator;

Markind-beta fibril formation modulator; immune system modulator;

Markind-co-moderate cognitive impairment; vascular dementia;

Mild-co-moderate cognitive impairment; vascular dementia;

W cerebral amyloid anglopathy; hereditary cerebral haemorrhage;

senile dementia; Down's syndrome; inclusion body myositis;

senile dementia; degeneration; hypothyroidism;

serebrovascular disease; cardiovascular disease; memory loss; anxiety;

w vaccine antigen. Amyloid-beta polymerisation peptide. ADQ37374 standard; peptide; 10 AA. (first entry) 3 OKLVFFA 9 07-OCT-2004 ADQ37374; RESULT 43 셤

Synthetic.

WO2004058239-A1.

15-JUL-2004.

24-DEC-2003; 2003WO-CA002021.

24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P.

(NEUR-) NEUROCHEM INT LID.

Gervais F, Bellini F;

WPI; 2004-543342/52.

Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.

Disclosure; Page 95; 143pp; English.

The present introduction describes compositions (1) comparising; (a) a litter agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that modulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune seponse against amyloid-beta fibril formation; or (ii) an immune system modulator that prevents or inhibits amyloid-beta introduction. Also described is a kit comprising (C). (C) have nootropic, neuroprotective, cerebroprotective, haemostatic, coptual antithyroid, vasotropic, cardiovascular, tranquilliser, uropathic, anticonvulsant, anti-HIV, antiparkinsonian, muscular, curopathic, anticonvulsant, anti-HIV, antiparkinsonian, muscular, and as induced as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating and immune system modulators. (C) can be used for preventing or treating anyloid-beta related disease e.g. Alzheimer's disease (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, cerebral amyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, as syndrome, includion described mild-beta disease (including hypothyroidism, cerebral and described mild-beta fibril formation disease, cardiovascular disease, cardiovascular disease, cardiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, present invention describes compositions (C) comprising: (a) a first

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aggression, or incontinence), a neurological condition (e.g. Huntington's disease, amyotrophic lateral sclerosis, acquired immunodeficiency, constructions of disease, aphasia, apraxia, agnosia, pick disease, dementia vith Lewy bodies, altered muscle tone, seizures, pick disease, dementia continuity, incoordination, gait disturbance, transient ischaemic field deficits, incoordination, geizures, sensory loss, visual contract or stroke, transient alertness, attention deficit, frequent falls, amancom, naturopeptic sensitivity, normal pressure hydrocephalus, subdural condition, harmatom, sextrand disconsing and posthypoxic damage), or a psychological condition (e.g. depression, delusions, cilusion, sextual discord, weight loss, psychosis, a sleep disturbance, insomnia, behavioural discinhibition, poor insight, suicidal ideation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt)) in a subject e.g. human having a genomic mutation in an amyloid precursor protein gene, an ApoE gene, or a presentlin gene; chaving amyloid-beta deposite. The present sequence represents an amyloid-beta polymerisation peptide which is used in the exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A method has been developed for the prevention or treatment of a disorder or disease associated with the formation of amyloid or amyloid-like
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Anti-amyloid peptide, iAbeta; abnormal protein folding inhibitor; Alzheimer's disease; dementia; Down's syndrome; amyloidosis disorder; human prion disease; Kuru; Creutzfeldt-Takob disease; Gerstmann-Straussler-Scheinker Syndrome; animal prion disease; prion associated human neurodegenerative disease; scrapie; spongiform encephalopathy; transmissible mink encephalopathy; chronic wasting disease; mule; deer; elk; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        New inhibitors of fibrillogenesis proteins or peptides - used for preventing, treating or detecting amyloidosis disorders such as Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Anti-amyloid peptide Abeta inhibiting abnormal protein folding.
                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                          Score 30; DB 8; Length 10; Pred. No. 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Baumann MH, Frangione B;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAW32560 standard; peptide; 11 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Example 1; Fig 9; 63pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           95US-00478326.
96US-00630645.
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                                                                                                                                                                                                                                                                                                                                                                                                88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (UYNY ) UNIV NEW YORK STATE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        21-JAN-1998 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                         6; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                            present invention
                                                                                                                                                                                                                                                                                                                                                              Sequence 10 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         06-JUN-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               07-JUN-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10-APR-1996;
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deposits, involving the abnormal folding of a protein or peptide. The method involves administering an inhibitory peptide which prevents the abnormal folding or which dissolves existing amyloid or amyloid-like deposits, where the peptide comprises a sequence of 3-15 amino acid at least one of the 3 amino acids is a beta-sheet blocking amino acids where cesique selected from Pro, Gly, Asn and His. The present sequence cresique selected from Pro, Gly, Asn and His. The present sequence crepresents an anti-amyloid peptide, Abeta, which inhibits abnormal crepresents an anti-amyloid peptide, and capable of associating with a structural determinant on the protein or peptide to structurally block and inhibit the abnormal folding into amyloid or amyloid-like deposits. The method can be used for preventing, treating or detecting e.g. and inhibit the abnormal folding into amyloid or amyloid-like deposits. The method can be used for preventing, treating or detecting e.g. Alzheimer's dementia or disease, bown's syndrome, other amyloidosis disorders, human prion diseases such as Kuru, Creutzfeldt-Jakob disease, cerstanann-Straussler-Scheinker Syndrome, prion associated human neurodegenerative diseases or animal prion diseases such as scrapie, spongiform encephalopathy, transmissible mink encephalopathy and chronic wasting disease of mule deer and elk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The present invention relates to a method of identifying a compound that
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   I-helical conformation; discordant helix; amyloid beta-peptide; I-helix; theta-strand structure; amyloidogenic disorder; Abeta; amyloidosis; Alzheimer's disease; prion disease; scrapie; BSE; disease; Drion disease; scrapie; BSE; disease; CJD; bovine spongiform encephalopathy; Creutzfeld-Jacob disease; CJD; fibrillation; aggregation; nootropic; neuroprotective; PDB; protein databank code; lba6; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Identifying compounds that stabilize I-helix of discordant helix in polypeptide, by measuring amount of I-helix in sample containing discordant helix-containing polypeptide in presence and absence of
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                                                                                                                                                                                                                                                                                                                                                                                                                                             2; Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human amyloid beta-peptide (1ba6) helical segment.
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity 85.7%; Pred. No. 13; 6; Conservative 1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAU99431 standard; peptide; 11 AA.
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06-DEC-2000; 2000US-0251662P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (ALPH-) ALPHABETA AB. (WHIT/) WHITE M P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2002-519389/55.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 11 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      23-MAY-2002.
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polypeptide, particularly amyloid beta-peptide (Abeta). The method comprises providing a test sample comprising a polypeptide that contains a discordant helix in the form of an i-helix, contacting the test sample with a test compound and determining the rate of decrease in the amount of I-helix or the amount of I-helix present in the test sample. The method is useful for identifying a compound that stabilises an I-helical conformation of a discordant helix in a polypeptide. Such compounds are useful for decreasing the rate of formation of theta-strand structures between at least two discordant helix-containing polypeptides, and for treating amyloidogenic disorders such as amyloidosis in Alzheimer's conformation diseases (e.g. scrapie, bovine spongiform encephalopathy (BSE), Creutzfeld-Jacob disease (CUD)). AAU99416
           88888888888888888888888888
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Sequence 11 AA;

5; Length 11; Indels ö Score 30; DB 5 Pred. No. 13; 1; Mismatches 88.2%; 6; Conservative 1 KKLVFFA 7 Local Similarity OKLVFFA 7 Query Match Matches 셤 ò

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Gaps ô

AAE29504 standard; peptide; 11 AA. RESULT 46

(first entry) 27-JAN-2003 Amyloid beta-protein related peptide #1.

Metallopeptide; nootropic; amyloid beta-protein; Alzheimer's disease; AD; Prion's disease; oxytocin; angiotensin; vasopressin; neuroprotective; therapy; amyloid beta-protein related peptide.

Unidentified

WO200264734-A2

22-AUG-2002

19-DEC-2001; 2001WO-US050075.

11-JUL-2001; 2001US-0304835P. 04-OCT-2001; 2001US-0327835P. 19-DEC-2000; 2000US-0256842P

(PALA-) PALATIN TECHNOLOGIES INC.

Sharma SD, Shi Y;

WPI; 2002-740699/80

Determining secondary structure binding to desired targets within parent polypeptides that bind to targets, by constructing and complexing peptides to metal ions to form metallopeptides and screening the metallopeptides.

Claim 194; Page 98; 165pp; English.

The invention relates to a method for identification and determination of target-specific folding sites in peptides and proteins. The invention also relates to a method for determining a secondary structure binding to desired targets within parent polypeptides that bind to targets, by constructing and complexing peptides to metal ions to form metallopeptides and screening the metallopeptides. The method is useful for determining secondary structure binding to desired target within parent polypeptide with primary structure that binds to the target, where

ö Amyloid formation, amyloid-like deposit; Alzheimer's disease; pathological beter sheet-rich conformation; Down's syndrome; amyloidosis disorder; human prion disease; kuru; CJD; Creutzfeldt-Jakob disease; Gerstmann-Straussler-Scheinker syndrome; GSS; prion associated human neurodegenerative disease; animal prion disease; scrapie; spongiform encephalopathy; transmissible mink encephalopathy; chronic wasting disease. disease the target of interest is a receptor, antibody, toxin, enzyme, hormone, muclaca caid, intracellular protein domain of biological relevance or extracellular protein domain of biological relevance. A library of amyloid beta-protein related peptides is useful for the treatment of Allzhaimer's disease (AD). A library of peptides targetting vasopressin, oxytocin or angiotensin receptor is useful for treating Prion's disease The present sequence is an amyloid beta-protein related peptide Gaps ö Length 11; 0; Indels 2; DB 1; Mismatches Score 30; Pred. No. 1 # ABU79013 standard; peptide; 11 AA. Amyloidogenic Amyloid A peptide 88.2%; 96US-00766596. 95US-00478326. 96US-00630645. (first entry) 6; Conservative Best Local Similarity 1 KKLVFFA EKLVFFA Sequence 11 AA; 17-JUN-2003 Homo sapiens US6462171-B1 12-DEC-1996; 07-JUN-1995; 10-APR-1996; 08-OCT-2002 ABU79013; Query Match Matches 8866666666 g ઠ

The invention describes an isolated inhibitory peptide (I) which interacts with a hydrophobic beta-sheet forming cluster of amino acid residues on a protein or peptide for amyloid or amyloid-like deposit formation, and inhibits or structurally blocks the abnormal folding of proteins and peptides into amyloid or amyloid-like deposits and into proteins and peptides into amyloid or amyloid-like deposits and into diseases associated with abnormal protein folding into amyloid or amyloid or like deposits or into pathological beta-sheet-rich precursors of such deposits, such as Alzheimer's disease, Down's syndrome, other amyloidosis disorders, human prion diseases, such as Kuru, Creutzfeldt-Jakob disease (CDD), Gerstmann-Straussler-Scheinker syndrome (GSS), prion associated human neurodegenerative diseases as well as animal prion diseases such as Novel inhibitory peptides which inhibit and structurally block abnormal folding of protein into amyloid or amyloid-like deposit and into pathological beta-sheet rich conformation, useful for treating Disclosure; Fig 9; 51pp; English. WPI; 2003-379012/36. Alzheimer's disease

Baumann MH, Frangione B;

Soto-Jara C,

(UYNY) UNIV NEW YORK STATE

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1 KKLVFFA
                                                                                                                                                                                                                                                                                                                             Soto-Jara C,
                                                                                                                                                                                  Unidentified
                                                                                                              15-JAN-2004
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                                                                                          ABW00147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The present invention relates to peptides having an aggrecanase cleavage site between a glutamic acid residue on the N-terminal side and a nonpolar or uncharged residue on the C-terminal side, and capable of being cleavable by aggrecanase-1 and/or aggrecanase-2. The peptides are useful as aggrecanase substrates in high-throughput screening assays for aggrecanase inhibitors as potential therapeutic compounds. The present sequence is a peptide substrate of human aggrecanase-1 and -2 proteins
scrapie, spongiform encephalopathy, transmissible mink encephalopathy and chronic wasting disease of mule deer and elk. (I) is also useful for detecting and disagnoshing the presence or absence of amyloid or amyloid-like deposits in vivo and its precursors. This is the amino acid sequence of peptide associated with the inhibition of amyloid or amyloid like
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               New peptides useful as aggrecanase substrates in assays for aggrecanase inhibitors comprise an aggrecanase cleavage site between a glutamic acid residue and a nonpolar or uncharged residue.
                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                        Human; truncated aggrecanase-1; aggrecanase-1; aggrecanase-2; metalloprotease; enzyme; substrate.
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                                                                                              6; Length 11;
                                                                                                                 Indels
                                                                                                                                                                                                                                                                      Aggrecanase-1 and -2 peptide substrate SEQ ID NO: 33.
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                                                                                              Score 30; DB
Pred. No. 13;
                                                                                                                   1; Mismatches
                                                                                                                                                                                                                                                                                                                                            Location/Qualifiers
                                                                                                                                                                                                             ABR84683 standard; peptide; 11 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   88.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 15-JAN-2003; 2003WO-US001327
                                                                                               88.2%;
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Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                     (first entry)
                                                                                       Fourie A, Karlsson L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (ORTH-) ORTHO MC NEIL
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                                                                                                                                        1 KKLVFFA 7
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                                                                             Sequence 11 AA;
                                                                                                                                                                                                                                                                                                                                                        modified site
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                                                                                                                                                                                                                                                      18-DEC-2003
                                                                                                                                                                                                                                                                                                                           Synthetic.
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Indels

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New inhibitory peptide, useful for preparing a composition for diagnosing, preventing or treating disorders associated with amyloid-like fibril deposits, e.g. Alzheimer's disease, or prion related
                                                                                                                                                                                                                                                                                                                                 Amyloid-like fibril deposit; prion related encephalopathy; gene therapy;
Alzheimer's disease; amyloid-beta; Abeta.
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Pred. No. 13;
1; Mismatches
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                                                                                                                                             ABW00147 standard; peptide; 11 AA.
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10-APR-1996; 96US-00630645.
12-DEC-1996; 96US-00766596.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    06-SEP-2002; 2002US-00235483
                                                                                                                                                                                                                                                                                                   Amyloid-beta (Abeta) peptide
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Best Local Similarity 85.7
Matches 6; Conservative
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1 KKLVFFA
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ID AAE3
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AC AAE3
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DT 17-0
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The invention relates to a method for prevention and/or treatment of an amyloid-related disease which comprises administration of an all-D-amyloid-beta peptide. The method is used for preventing and/or treating Alzheimer's and other amyloid related disease e.g. cerebral amyloid angiopathy; for altering serum levels of amyloid-beta in a mammal and favours the clearance of soluble amyloid-beta in a mammal and favours the clearance of soluble amyloid-beta in a mammal and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including inflammatory diseases e.g. rheumatoid arthritis, juvanile chronic arthritis, ankylosing spondylitis, psoriasis, psoriasis, psoriasis, carthropathy, Reiter's syndrome, Adult Still's disease, Bechet's syndrome and Crohn's Gisease. AA deposits are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus ulcers, chronic pyelonephritis, osteomyelitis and Whipple's disease). Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The including the sequence is an Abeta peptide used to illustrate the method of the
                                                                                     cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; Detcompelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Prevention and/or treatment of an amyloid-related disease e.g. Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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                                                                                                                                                                                                                                                                                               Key
Misc-difference 7. .12
/note= "D-form residues"
                                                                                                                                                                                                                                                                                        Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     29-MAY-2002; 2002WO-CA000763.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 29-MAY-2001; 2001US-00867847.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gervais F, Hebert L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2003-201269/19.
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                                                                                                                                                                                                                                          Unidentified
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ö Score 30; DB 6; Length 12; Pred. No. 14; 1; Mismatches 0; Indels Similarity 85.7%; 6; Conservative Query Match Best Local Similarity Matches 6; Conserv

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1 KKLVFFA 7

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Search completed: March 9, 2005, 06:27:27 Job time: 76.6027 secs

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30 88.2 11 4 US-09-988-842-25 Sequence 25 30 88.2 11 5 PCT-US96-10220-14 Sequence 14 30 88.2 14 4 US-09-594-366-5 Sequence 15, 30 88.2 15 2 US-08-612-785B-37 Sequence 57 30 88.2 15 4 US-08-766-596A-56 Sequence 57 30 88.2 15 4 US-08-766-596A-67 Sequence 67 30 88.2 15 4 US-08-766-596A-67 Sequence 67 30 88.2 15 4 US-08-766-596A-61 Sequence 61 30 88.2 15 4 US-08-766-596A-61 Sequence 61 Sequence 61 30 88.2 15 4 US-08-766-596A-61 Sequence 61 Sequence 61 30 88.2 15 4 US-08-766-596A-61 Sequence 61 Seq	37 30 88.2 15 4 US-08-766-596A-65 Sequence 65, Appl 38 30 88.2 17 3 US-09-564-709A-2 Sequence 2, Appl 39 30 88.2 17 3 US-09-564-709A-2 Sequence 2, Appl 41 30 88.2 19 3 US-08-970-833-11 Sequence 11, Appl 42 30 88.2 19 4 US-09-724-961-75 Sequence 11, Appl 43 30 88.2 19 4 US-09-724-961-75 Sequence 5, Appl 44 30 88.2 19 4 US-09-724-552-5 Sequence 5, Appl 44 30 88.2 19 4 US-09-724-552-5 Sequence 75, Appl 45 30 88.2 19 4 US-09-724-961-5 Sequence 75, Appl 46 30 88.2 19 4 US-09-724-489-5 Sequence 5, Appl 46 30 88.2 19 4 US-09-724-489-5 Sequence 5, Appl 54 30 88.2 19 4 US-09-724-489-5 Sequence 5, Appl 11	30 88.2 19 4 US-09-724-477-5 Sequence 5, 30 88.2 19 4 US-09-724-777-5 Sequence 5, 30 88.2 19 4 US-09-724-777-5 Sequence 5, 30 88.2 19 4 US-09-701-430-5 Sequence 7, 30 88.2 19 4 US-10-815-353-5 Sequence 5, 30 88.2 20 3 US-08-970-833-10 Sequence 7, 30 88.2 20 3 US-08-304-585-7 Sequence 7, 30 88.2 26 1 US-08-346-849-4 Sequence 4, 5 Sequence 7, 30 88.2 28 1 US-08-346-849-4 Sequence 4, 5 Sequence 4, 5 Sequence 6, 30 US-08-346-849-4	30 88.2 28 1 US-08-302-808-7 Sequence 7, 30 88.2 28 2 US-08-609-090-2 Sequence 7, 30 88.2 28 2 US-08-986-948-7 Sequence 7, 30 88.2 28 2 US-08-923-284A-4 Sequence 7, 30 88.2 28 2 US-08-948-7 Sequence 4, 30 88.2 28 3 US-09-388-890-3 Sequence 2, 30 88.2 28 3 US-09-388-890-3 Sequence 3, 30 88.2 28 3 US-09-388-890-4 Sequence 5, 30 88.2 28 3 US-09-388-890-6 Sequence 6, 30 88.2 28 3 US-09-388-890-6 Sequence 6, 30 88.2 28 3 US-09-388-890-6 Sequence 6, 30 88.2 28 3 US-09-388-890-6	ALIGNMENTS Application US/09747408 RWATION: Geren, Allan M. Gervais, Francine VENTION: Compounds And Methods For Mod VENTION: Cerebral Amyloid Angiopathy NCE: NBI-08 LICATION NUMBER: US/09/747,408 LING DATE: 2000-12-22 CATION NUMBER: 60/171,877 GD DATE: 1999-12-23 SEQ ID NOS: 24 'astSEQ for Windows Version 4.0 Homo sapiens 2	.0%; Pred. O; Misi
GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. OM protein - protein search, using sw model Run on: March 9, 2005, 06:11:36; Search time 18.6986 Seconds (without alignments)	Title: Perfect score: 34 Sequence: 1 KKLVFFA 7 Scoring table: BLOSUM62 Searched: 513545 segs, 74649064 residues	mber of hits satisfying choser DB seq length: 0 DB seq length: 200000000 cessing: Minimum Match 0% Maximum Match 100% Listing first 65 summ	Database: Issued Patents AA:* 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:* 1: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:* 3: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:* 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:* 5: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:* 5: /cgn2_6/ptodata/1/iaa/backfiles1.pep:* 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:* 8: /cgn2_6/ptodata/1/iaa/backfiles1.pep:* 7: /cgn2_6/ptodata/1/iaa/backfiles1.pep:* 8: /cgn2_6/ptodata/1/iaa/backfiles1.pep:* 8: /cgn2_6/ptodata/1/iaa/backfiles1.pep:* 9: /cgn2_6/ptodata/1/iaa/backfiles1.pep:* 8: /cgn2_6/ptodata/1/iaa/backfiles1.pep:* 9: /cgn2_	Query 100	1 30 88.2 10 4 US-09-724-551-20 Sequence 3 0 88.2 10 4 US-09-724-551-21 Sequence 4 30 88.2 10 4 US-09-724-551-22 Sequence 5 30 88.2 10 4 US-09-724-551-22 Sequence 5 30 88.2 10 4 US-09-724-551-23 Sequence 5 30 88.2 11 2 US-08-650-645-14 Sequence 6 30 88.2 11 4 US-08-766-596A-14 Sequence 7 30 88.2 11 4 US-09-988-842-9 Sequence

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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APPLICANT: Solomon, Michael E.
APPLICANT: Rich, Daniel H.
TITLE OF INVENTION: Cyclosporin A Conjugates and Uses Therefor FILE REPERENCE: Cyclosporin Analogs
CURRENT APPLICATION UNDER: US/09/242,724
CURRENT FILING DATE: 1999-02-22
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 34; DB 2; Length 34; 100.0%; Pred. No. 2.1;
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Best Local Similarity 100.0%; Pred. No. 4.18+05;
Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                        OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,579A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/404,831
FILING DATE: 14-MAR-1995
CLASSIFICATION: 514
ATTONREY/AGENT INFORMATION:
NAME: RATE Catherine J.
REGISTRATION NUMBER: P41,106
REGISTRATION NUMBER: P41,106
REGISTRATION NUMBER: P41,00
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 41,740
TELEPRAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LEMETHER SA AMINO ACIDS

LEMETHER SA AMINO AC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                   ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 33, Application US/09242724; Patent No. 6316405; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   9 KKLVFFA 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT
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Sequence 4, Application US/08475579A
Sequence 4, Application US/08475579A
Septent No. 5854215
GENERAL INFORMATION:
APPLICANT: Mark A. Findeis et al.
APPLICANT: Mark A. Findeis et al.
TITLE OF INVENTION: Modulators of {SYMBOL 98 \f "Symbol"}-Amyloid Peptide Aggrega
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
AADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street
                                                                     Sequence 64, Application US/08766596A
Sequence 64, Application US/08766596A
Sequence 64, Application US/08766596A
Patent No. 6462171
CENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: FRANCIONE, Blas
TITLE OF INVENTION: DEPTIDES AND PHARMACEUTICAL
APPLICANT: FRANCIONE, BLAS
TITLE OF INVENTION: COMPOSITIONS THRREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Machington
CITY: Machington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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100.0%; Pred. No. 4.1e+05;
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REGISTRATION NUMBER: 37,971
REFERENCE/FOCKET NUMBER: SCTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELEPRAN: 202-73-9528
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
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Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
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CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-766-596A-64
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                                                   RESULT 2
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88.2%; Score 30; DB 3; Length 7; 85.7%; Pred. No. 4.1e+05;
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Patent No. 6319498
GENERAL INFORMATION
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCES:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Boston
STATE: Massachusetts
CONTRY: USA
ZIP: O2109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPOTER: IBM PC compatible
COMPOTER: IBM PC compatible
COMPOTER: IBM PC compatible
COMPOTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: PAPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UNN-1995
                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                                                                             CURKENY PEPLICALION DAIRS
CURKENY PEPLICALION DAIRS
FILING DATE: 27-AUG-1996
CLASSIFCATION: 514
PRIOR APPLICATION DATE: 14-MAR-1995
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATE: 905-910 APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
PRIOR APPLICATION NUMBER: USSN 08/616,081
FILING DATE: 27-OCT-1995
PRIOR APPLICATION NUMBER: USSN 08/616,081
RPILING DATE: 14-MAR-1996
ATTORNEY AGENT INPORMATION:
NAME: KATA. CATHERING:
NAME: KATA. CATHERING:
TELECOMMUNICATION INPERE: 91.106
REFERENCE/DOCKET NUMBER: 91.106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       amino acid
XGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 KKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-703-675C-30
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US-08-617-267C-7
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Pred. No. 4.1e+05;
1; Mismatches 0; Indels
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US-08-703-675C-30
; Sequence 30, Application US/08703675C
; Patent No. 6303567
; GENERAL INFORMATION:
; TILLE OF INVENTION: Modulators of -Amyloid Peptide
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 30; DB 2; Length 7; Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                   CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
COMPUTER: IBM PC COMPALIBLE
COMPATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR.1995
RIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN 1995
FILING DATE: 07-JUN 1995
FILING DATE: 07-JUN 1995
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 88.2%;
85.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.7
Matches 6; Conservative
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MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 02109-1875
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :||||||
1 QKLVFFA 7
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CITY: Boston
STATE: Massach
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-612-785B-7
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Aggregation Comprising D-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 8;
                                               0; Indels
                           Score 30; DB 2; Length 8; Pred. No. 4.1e+05; 1; Mismatches 0; Indels
                                                                                                                  88.2%; Score 30; DB 3;
85.7%; Pred. No. 4.1e+05
iive 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Kara, Catherine J. 106
REGISTRATION NUMBER: 41,106
REFERENCE/DOCKET NUMBER: PPI-016CP2
TELECOMMUNICATION INFORMATION:
                             88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (617) 742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                             Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide
, MOLECULE TYPE: peptide US-08-612-785B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      amino acid
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 6; Conserv
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                                                                     1 KKLVFFA 7
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2 OKLVFFA 8
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                                                                                                                                                                                                                                                                                Length 7;
                                                                                                                                                                                   Score 30; DB 3;
Pred. No. 4.1e+05;
                                                                                                                                                                                                       1; Mismatches
                                        NAME: DeConti, Giulio A.

REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEPHONE: (617)227-5941
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TOPOLOGY: linear
NOLECTUR TYPE: peptide
US-08-617-267C-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERNCE/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION:
TELECHONE: (617)227-7400
   PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A.
                                                                                                                                                                                 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                   Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
TOPOLOGY: linear
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do. 4.1e+05; Indels
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Sequence 20, Application US/09747408

Patent No. 6670399

GENERAL INPORMATION:
APPLICANT: Green, Allan M.
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: US/09/747,408
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877

PRIOR FILING DATE: 1999-12-23

NUMBER OF SEQ ID NOS: 24

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            88.2%; Score 30; DB 4; Length 9; 85.7%; Pred. No. 4.1e+05; ive 1; Mismatches 0; Indels
                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                88.2%; Score 30; DB 100.0%; Pred. No. 4.1 tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=LA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR EGG ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-ARR-1996
PRIOR APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTOORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity luv.
5 conservative
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-747-408-20
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COUNTRY:
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Sequence 54, Application US/08766596A

Sequence 54, Application US/08766596A

GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: PRANCIONE, Blas
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CTTY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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                  Sequence 5, Application US/08617267C
Patent No. 6319498
GENERAL INFORMATION
FINGLES OF TITLE OF INVENTION: Modulators of Amyloid Aggregation NUMBER OF SEQUENCES: 45
CORRESPONDENCES: 45
ADDRESSEE: LAHIVE & COCKPIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: USON 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USON 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USON 08/548,998
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USON 08/548,998
FILING DATE: 31,503
REFERENCE/DOCKET NUMBER: 31,503
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                       CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 KKLVFFA 7
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STATE:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                Query Match 88.2%;
Best Local Similarity 85.7%;
Matches 6; Conservative
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Best Local Similarity
Matches 6; Conserv
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| Sequence 21. Application US/09724961
| Patent No. 6743427
| GENERAL INFORMATION:
| APPLICANT: Schenk, Dale B.
| APPLICANT: Vadquez, Nicki
| PRIOR FILING DATE: 1200-11-28
| PRIOR FILING DATE: 2000-11-28
| PRIOR FILING DATE: 1999-05-28
| PRIOR FILING DATE: 1999-05-28
| PRIOR FILING DATE: 1999-11-30
| PRIOR PILING DATE: 1999-11-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Varies, Nicki, Tederique
APPLICANT: Varies, Nicki, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152/03-004750UC
CURRENT APPLICATION NUMBER: US/09/724,961
CURRENT FILING DATE: 2000-11-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide;
CTHER INFORMATION: from AM1792 sequence (human Abeta42, beta-amyloid;
CTHER INFORMATION: peptide)
US-09-724-961-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRENT FILLING DATE: 2000-11-20
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 1900-05-28
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-28
PRIOR PRILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-04-07
PRIOR PILING DATE: 1998-04-07
PRIOR PRILING DATE: 1999-04-07
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR APPLI
                          Sequence 20, Application US/09724961
Patent No. 6743427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 85.7'
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QKLVFFA 10
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-09-724-961-20
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APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
CURRENT PELB REFERENCE: 125700-004750007
FILE REFERENCE: 125700-004750007
FILE REFERENCE: 125700-004750007
FILING DATE: 2000-01-28
FRIOR PILING DATE: 2000-01-28
FRIOR PILING DATE: 1999-05-28
FRIOR PILING DATE: 1999-05-28
FRIOR FILING DATE: 1998-01-30
FRIOR FILING DATE: 1998-11-30
FRIOR FILING DATE: 1998-11-30
FRIOR FILING DATE: 1998-04-07
FRIOR PAPLICATION NUMBER: US 60/067,740
FRIOR PAPLICATION NUMBER: US 60/067,740
FRIOR FILING DATE: 1998-04-07
FRIOR PAPLICATION NUMBER: US 60/067,740
FRIOR FILING DATE: 1997-12-02
FRIOR PAPLICATION NUMBER: US 60/067,740
FRIOR FILING DATE: 1997-12-02
FRIOR FRIOR FILING DATE: 1997-12-02
FRIOR FRIOR FILING DATE: 1997-12-02
FRIOR FRI
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; SEQ ID NO 21
LENGTH: 10
TYPE: PAT
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: peptide)
OTHER INFORMATION: peptide)
US-09-724-961-21
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Pred. No. 4.6;
1; Mismatches 0; Indels
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Pred. No. 4.6;
1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 15
US-09-724-961-22
; Sequence 22, Application US/09724961
Patent No. 6743427
; GENERAL INFORMATION:
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Sequence 21, Application US/09580018

Patent No. 6761888
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
CURRENT FILING DATE: 1000-05-26
CURRENT FILING DATE: 1099-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 21
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
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Pred. No. 4.6;
1; Mismatches 0; Indels
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Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity
Matches 6; Conserv
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Sequence 20, Application US/09580018;
Patent No. 676188;
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Stard, Frederique
APPLICANT: Yednock, Ted
FILE REFERENCE: 15270J-004760US;
CURRENT APPLICATION NUMBER: US/09/580,018
CURRENT FILING DATE: 2000-05-26;
PRIOR PLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE PATENTING DATE: 1999-05-28
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INVENTION: Prevention and Treatment of Amyloidogenic Disease
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OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
OTHER INFORMATION: peptide)
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             FILE REFERENCE: 15270J-004750UC
CURRENT APPLICATION NUMBER: US/09/724,961
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 09/580,015
PRIOR RILING DATE: 2000-05-26
PRIOR PILING DATE: 1999-05-28
PRIOR FILING DATE: 1999-05-38
PRIOR FILING DATE: 1999-105-38
PRIOR PELICATION NUMBER: US 09/32,289
PRIOR PELICATION NUMBER: US 09/32,430
PRIOR PELICATION NUMBER: WS 09/201,430
PRIOR PILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-10-30
PRIOR PILING DATE: 1998-11-30
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85.7%; Pred. No.
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 85.7
Matches 6; Conservative
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LENGTH: 10
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Gaps

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Sequence 22, Application US/09580018
Patent No. 6761888
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT FILING NUMBER: US/09/580,018
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US/09/22,289
PRIOR PELING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO S: 77
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                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
US-09-580-018-22
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US-09-580-018-23
; Sequence 23, Application US/09580018
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6; Conservative
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Best Local Similarity
Matches 6, Conserv
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US-09-724-551-23
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Fatent No. 6787637

GENERAL INPORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Yedorock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: DATE: 200-11-28

CURRENT APPLICATION NUMBER: US/09/580,018

FRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 20

LENGTH: 10
APPLICANT: Scherk, Dale B.
APPLICANT: Scherk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease;
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease;
FILE REFERENCE: 152705-004760US
CURRENT FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SOFTWARE: Patentin Ver. 2.1
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AM1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-09-580-018-23
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85.7%; Pred. No. 4.6;
tive 1; Mismatches 0; Indels
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Pred. No. 4.6;
1; Mismatches
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Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity
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1 QKLVFFA 7
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US-09-724-551-21
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Vednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
CURRENT APPLICATION NUMBER: US/09/724,551
CURRENT FILING DATE: 2000-11-28
FRIOR FILING DATE: 2000-6-26
FRIOR FILING DATE: 1999-65-26
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PATENTION OF 2.1
SEQ ID NO 2.2
LENGTH: 10
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Vednock, Tederique
TILE BEPRENCE: 15270J-004760US
CURRENT PILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-65-26
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 10
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Pred. No. 4.6;
1; Mismatches (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 23, Application US/09724551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 22, Application US/09724551
Patent No. 6787637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match

Best Local Similarity 85.7%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Artificial Sequence
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APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: OPPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: DEPOSITS
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
                                                                                                                                                                                                                                Gарв
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                                                                                                                                                                               Score 30; DB 2; Length 11; Pred. No. 5;
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                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYER: Floppy disk
COMPUTER: IBM Floppy DISK
APPLICATION NUMBER: US/08/766,596A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: BROWDY AND NEIMARK
419 Seventh Street, N.W., Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING JANS.

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645

FILING DATE: 10-APR-1996

PRIOR APPLICATION NUMBER: US 08/478,326

PILING DATE: 0-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971

REFERENCE/DOCKET NUMBER: SOTO-JARA=1A

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 14, Application US/08766596A
Patent No. 6462171
                                                                                                                                                                                  88.2%;
                                                                                                                                                          Query Match
Best Local Similarity 85.73
Si Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match Best Local Similarity 85.7
Matches 6; Conservative
SEQUENCE CHARACTERISTICS:
                                    TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                      TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-630-645-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
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                                                                                                                                                                                                                                                                           1 KKLVFFA 7
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1 OKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                            RESULT 26
US-08-766-596A-14
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Patent No. 5948763

GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: FRANGIONE, BLas
TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
NUMBER OF SEQUENCES:
ADDRESSEE: BROWDY AND NEIMARK
         GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique

APPLICANT: Bard, Frederique

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

FILE REFERENCE: 15270J-004760US

FULE REFERENCE: 15270J-004760US

CURRENT APPLICATION NUMBER: US/09/724,551

CURRENT FILING DATE: 2000-11-28

PRIOR APPLICATION NUMBER: US/09/580,018

PRIOR APPLICATION NUMBER: US 09/322,289

PRIOR PRIOR PRILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: PATENTIN VEY: 2.1

SEQ ID NO 23

LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
CTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
CTHER INFORMATION: peptide)
US-09-724-551-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 4; Length 10,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: BROWNY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 30; DB 4; Pred. No. 4.6; 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/478,326
FILING DATE: 06-UNW-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 88.2%;
Best Local Similarity 85.7%;
Matches 6; Conservative
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Sequence 25, Application US/09988842

Patent No. 6716589

GENERAL INFORMATION:

APPLICANT: Johansson, Jan

ITILE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION

TITLE OF INVENTION: DOF AMYLOID FORMATION

FILE REPERENCE: 12125-002-001

CURRENT APPLICATION NUMBER: US/09/988,842

CURRENT FILING DATE: 2001-11-19

PRIOR APPLICATION NUMBER: US 60/251,662

PRIOR APPLICATION NUMBER: US 60/251,662

PRIOR PILING DATE: 2000-11-20

NUMBER OF SEQ ID NOS: 26

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FASELSEQ FOF Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                         US-09-988-842-9
; Sequence 9, Application US/0998842
; Patent No. 6715589
; Patent No. 6715589
; Patent No. 6715589
; TITLE OF INVENTION:
; PRIOR PELICATION NUMBER: US 60/251,662
; PRIOR FILING DATE: 2000-11-10
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 9
; SEQ ID NO 9
; LENGTH: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
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85.7%; Pred. No. 5;
1ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      88.2%; Score 30; DB 4; Length 11; 85.7%; Pred. No. 5; 0; Indels tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
FEATURE:
COHER INFORMATION: Synthetically generated peptide
US-09-988-842-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , OTHER INFORMATION: Synthetically generated peptide US-09-988-842-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 KKLVFFA 7
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LENGTH: 11
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RESULT 29

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PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sequence 5, Application US/09594366 | Sequence 5, Application US/09594366 | Patent No. 6582945 | Patent No. 6582945 | Patent No. 1000 | 
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Pred. No. 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10220
                                                                                                                                                                                                                                                                                                               ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
STRIT: Washington
STRIE: D.C.
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRILITY APPLICATION DATA:

APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UN-1995
FILING DATE: 10-APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APPL-196
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, ROGET L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: SOTO-JARA=1 PCT
TELEPHONE: 202-629-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Mismatches
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PRIOR FILING DATE: 1999-06-16
Sequence 14, Application PC/TUS9610220 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         202-737-3528
                                                                                                                        TITLE OF INVENTION: THE TITLE OF INVENTION: THE TITLE OF INVENTION: WIT NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: ADDRESSE: BROWDY AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
CORGANISM: Homo sapiens
US-09-594-366-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                         APPLICANT:
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; Sequence 57, Application US/08766596A
; Patent No. 6462171
; GENERAL INFORMATION:
                        Claudio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
                      APPLICANT: SOTO-JARA, Claud
APPLICANT: BAUMANN, MArc
APPLICANT: FRANGIONE, Blas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         + OKLVFFA 10
                                                                                                                                                                                                                                         Washington
                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-766-596A-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-766-596A-57
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                                                             Gaps
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                      DB 4; Length 14;
                                                                                                                                                                                                                                                                     GENERAL INFORMATION:

APPLICANT: Findeis, Mark A. et al.

TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS: ADDRESS: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: BOSLOM
STATE: MASSACHUSELES
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 2; Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: Masbachmerce.
COUNTRY: Masbachmerce.
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CONSEATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herwith
CLASSIFICATION NUMBER: USN 08/404,831
FILING PAPELICATION DATA:
APPLICATION NUMBER: USN 08/475,579
FILING PAPELICATION DATA:
APPLICATION NUMBER: USN 08/548,998
FILING PAPELICATION NUMBER: 31.503
REFERENCE/DOCKET NUMBER: 31.503
REFERENCE/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION NUMBER: 31.503
REFERENCE (617)742-4214
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEGUENCE: A mino acide
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Pred. No. 6.6;
1; Mismatches
                                                             Mismatches
                    Score 30;
Pred. No. 6
                                                                                                                                                                                              RESULT 31
US-08-612-785B-37
; Sequent O. S684204
; Patent No. 5884204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 56, Application US/08766596A
Patent No. 6462171
Query Match
Best Local Similarity 85.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-08-612-7858-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5 OKLVPFA 11
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3 QKLVFFA 9
                                                                                              1 KKLVFFA 7
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US-08-766-596A-56
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MAPLICANT: SOUNAMELANDER AND PRANCEUTICAL
TILLE OF INVENTIONS CORPOSITIONS THEREOF FOR THEATMENT OF DISCROBES ON DISEASES
TILLE OF INVENTIONS CORPOSITIONS THEREOF FOR THEATMENT OF DISCROBES ON DISEASES
TILLE OF INVENTIONS CORPOSITIONS THEREOF FOR THEATMENT OF DISCROBES ON DISEASES
TILLE OF INVENTIONS ASSOCIATED WITH BROTEIN FOLDING INTO AMVIDID ON AMVIDID-LINES
TILLE OF INVENTIONS ASSOCIATED WITH BROTEIN FOLDING INTO AMVIDID ON AMVIDID-LINES
TILLE OF INVENTIONS ASSOCIATED WITH BROTEIN FOLDING INTO AMVIDID ON AMVIDID-LINES
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RESULT 35
US-08-766-596A-61
US-08-766-596A-61
Sequence 61, Application US/08766596A
; Patent No. 6462171
; GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: BERIES AND PHARMACEUTICAL
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
TITLE OF INVENTION: DEPOSIT OF TITLE OF 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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Pred. No. 6.6;
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COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C. REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: 202-628-5197
TELEFRAX: 202-737-3528
INFORMATION FOR SEO ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 mino acids
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FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION NUMBER: US 08/478,326
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SCTO-JARA:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                88.2%;
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 QKLVFFA 10
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APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, MARC
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: PREFIDES AND PHARMACEUTICAL
TITLE OF INVENTION: ORNOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PLOPPY disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 30; DB 4
Pred. No. 6.6;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOTO-JARA=1A
                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUW, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/POCKET NUMBER: 37,971
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 34
US-08-766-596A-60
Sequence 60, Application US/08766596A
; Patent No. 6462171...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 85.7%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 15 amino acida
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , MOLECULE TYPE: peptide US-08-766-596A-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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                   D.C.
USA
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                                                                                                  20004
                                              STATE: D
COUNTRY:
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GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: RANGIONE, Blas
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Roberts, Eugene
TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and
TITLE OF INVENTION: Improve the Quality of Life
FILE REFERENCE: 2124-310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
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Pred. No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UIN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/POCKET NUMBER: SOTO-JARA=1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 2004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                        ; Sequence 65, Application US/08766596A
; Patent No. 6462171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-264-709A-2; Sequence 2, Application US/09264709A; Patent No. 6320024
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Best Local Similarity
Matches 6; Conserv
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                                                                                              RESULT 37
US-08-766-596A-65
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APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUNANN, Marc
APPLICANT: BAUNANN, Marc
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                DB 4; Length 15;
                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: BROWDY AND NEIWARK STREET: 419 Seventh Street, N.W., Suite 400 CITY: Washington
                                                                                                                                                                                                                             1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                88.2%; Score 30; 85.7%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE: US/06/700,590A
PILING DATE: US/06/700,590A
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-ARR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UNN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 63, Application US/08766596A
Patent No. 6462171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                              Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      15 amino acids
SEQUENCE CHARACTERISTICS LENGTH: 15 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                          TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                            MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
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QKLVFFA 10
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STATE: D.C.
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20004
                                                                                                                                    US-08-766-596A-61
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL STATE SCHOOL, Dale B.
APPLICANT: School, Dale B.
APPLICANT: School, Dimited
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE REFERENCE: 152704-004740US
CURRENT APPLICATION NUMBER: 2004723,384
CURRENT FILING DATE: 2006-11-27
PRIOR APPLICATION NUMBER: 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:Abetal3-28 OTHER INFORMATION: peptide with carboxyl terminal Cys residue OTHER INFORMATION: inserted and two added Gly residues NAME/KEX: NOD_RES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 30; DB 3; Length 19;
Pred. No. 8.2;
1; Mismatches 0; Indels
                CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BEAKEY, JOEAN C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 960296.94291
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (414) 271-5709
TELEFAX: (414) 271-552
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LOCATION: (1) -
; OTHER INFORMATION: Xaa = acetyl histidine
US-09-723-384-5
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US-09-724-961-75
Sequence 75, Application US/09724961
Sequence 75, Application US/09724961
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Yednock, Ted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 41
US-09-723-384-5
; Sequence 5, Application US/09723384
; Patent No. 6710226
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TYPE: PRT
CRGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
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9 QKLVFFA 15
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Sequence 3, Application US/09594366

Patent No. 6582945

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE APPLICANT: RESERVENCE: BRI-2004

CURRENT APPLICATION UNMERR: US/09/594,366

CURRENT FILING DATE: 2000-06-15

PRIOR APPLICATION UNMERR: 60/139,408

PRIOR APPLICATION UNMERR: 60/139,408

NUMBER OF SEQ. ID NOS: 7

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 3

TYPE: PATENT PATENT OF THE PATENT OF TH
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; Sequence 11, Application US/08970833
; Patent No. 6022859
; Patent No. 6022859
; TITLE OF INVENTON: Number OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSE: Quarles & Brady
STREET: 41 East Wisconein Avenue
CITY: Milwaukee
STATE: Wisconein Avenue
STATE: Wisconein Avenue
CITY: Misconein Avenue
STATE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: PatentIN PC-005/MS-DOS
SOFTWARE: PatentIN PC-005/MS-DOS
SOFTWARE: PatentIN DATA:
HPPLICATION NUMBER: US/08/970, 833
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                88.2%; Score 30; DB 4; Length 17; 85.7%; Pred. No. 7.4;
                                                                                                                                                                                                                                                                                                                                                                                   Query Match

88.2%; Score 30; DB 3; Length 17;
Best Local Similarity 85.7%; Pred. No. 7.4;
Matches 6; Conservative 1; Mismatches 0; Indels
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CURRENT APPLICATION NUMBER: US/09/264,709A CURRENT FILING DATE: 1999-03-09 PRIOR APPLICATION NUMBER: 08/797,782 PRIOR FILING DATE: 1997-02-07 NUMBER OF SEQ ID NOS: 39 SOFTWARE: Patentin Ver. 2.1 SEQ ID NO 2 LENGTH: 17
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Best Local Similarity 85.7
Matches 6; Conservative
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US-09-594-366-3
                                                                                                                                                                                                                                                                          TYPE: PRT
CORGANISM: Homo sapiens
US-09-264-709A-2
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7 QKLVFFA 13
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US-09-594-366-3
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Matches 6; Conserv
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                                                                           US-09-723-927-5
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; Sequence 5, Application US/09724552
; Patent No. 6750234
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Schenk, Dale B.
; APPLICANT: Neuralab Limited
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REPERENCE: 152704-004740US
; CURRENT APPLICATION NUMBER: US/09/724,552
; CURRENT APPLICATION NUMBER: US/09/724,552
; CURRENT FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 09/322,289
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIN Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004750UC
CURRENT APPLICATION NUMBER: US/09/724,961
CURRENT FILING DATE: 2000-11-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:Abeta 13-28 OTHER INFORMATION: peptide with two Gly residues added and inserted OTHER INFORMATION: Cys residue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:Abetal3-28 OTHER INFORMATION: peptide with carboxyl terminal Cys residue OTHER INFORMATION: inserted and two added Gly residues
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85.7%; Pred. No. 8.2;
ive 1; Mismatches 0; Indels
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                                                                               PRIOR APPLICATION NUMBER: US 09/580,015
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-28
PRIOR FILING DATE: 1998-11-30
PRIOR PILING DATE: 1999-04-07
PRIOR APPLICATION NUMBER: US 60/060,970
PRIOR APPLICATION NUMBER: US 60/067,740
PRIOR PILING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PALENTIN VOY: 2.1
SEQ ID NO 75
LENGTH: 19
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 85.77
Then 6; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: MOD_RES
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RESULT 44

RESULT 44

RESULT 44

Sequence 75; Application US/09580018

1 Sequence 75; Application US/09580018

1 Sequence 75; Application US/09580018

1 SEQUENCE THIS DEPARTMENT OF PRESENT TOWN.

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RECORA PAPLICATION NUMBER: US 09/122, 289

RESULT 45

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Sequence 5, Application US/09201430; Patent No. 6787523; GENERAL INFORMATION: APPLICANT: Schenk, Dale B. APPLICANT: Neuralab Limited
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Best Local Similarity 85.7.
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 19
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Best Local Similarity 85.7
Matches 6; Conservative
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US-09-201-430-5
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US-09-723-762-5
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; Sequence 5. Application US/09724477
; Patent No. 6787143
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Schenk, Dale B.
; TILE REFERENCE: 152700-004720US
; TILE REFERENCE: 152700-004720US
; CURRENT APPLICATION NUMBER: US/09/724,477
; CURRENT FILING DATE: 2000-11-28
; PRIOR FILING DATE: 1998-11-30
; PRIOR FILING DATE: 1998-11-30
; PRIOR FILING DATE: 1998-11-20
; PRIOR FILING DATE: 1999-12-02
; PRIOR FILING DATE: 1998-11-30
; PRIOR FILING DATE: 1998-10-30
; PRIOR FILING DATE: 1998-10-30
; PRIOR FILING DATE: 1998-10-30
; RANDA APPLICATION NUMBER: US 60/080,970
; PRIOR FILING DATE: 1998-04-07
; NUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/09724489
; Sequence 5, Application US/09724489
; Patent No. 6787140
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Schenk, Dale B.
; APPLICANT: Neuralab Limited
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFRENCE: 152704-04720US
; CURRENT APPLICATION NUMBER: US/09/724,489
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 60/067,740
; PRIOR FILING DATE: 1998-11-30
; PRIOR FILING DATE: 1998-11-30
; PRIOR FILING DATE: 1998-14-07
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIN Ver. 2.1
; SEQ ID NO 5
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                                                                                                                                                             Gaps
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                                                                                                                 Score 30; DB 4; Length 19;
Pred. No. 8.2;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (1) -
OTHER INFORMATION: Xaa = acetyl histidine
                               COCATION: (1) COCATION: (1) OTHER INFORMATION: Xaa = acetyl histidine US-09-723-927-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                       88.2%;
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Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity 85.7
Matches 6; Conservative
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                                                                                                                                                                                                         1 KKLVFFA 7
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3 QKLVFFA 9
                   NAME/KEY: MOD_RES
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                                                                                                                                                                                                                                                                                                                    RESULT 46
US-09-724-489-5
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| Sequence 5, Application US/09723762
| Patent No. 6787144
| Patent No. 6787144
| GENERAL INFORMATION:
| APPLICANT: Schenk, Dale B. APPLICANT: Schenk, Dale B. TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease TITLE REPERBNCE: 152704-064720US
| TITLE REPERBNCE: 152704-064720US
| CURRENT APPLICATION NUMBER: US/09/723,762
| PRIOR APPLICATION NUMBER: US 60/067,740
| PRIOR FILING DATE: 1998-11-30
| PRIOR FILING DATE: 1998-04-07
| NUMBER OF SEQ ID NOS: 5
| SOFTWARE: PatentIn Ver. 2.1
| SEQ ID NO 5
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TYPE: PRI

PORGANISM: Artificial Sequence

PEATURE: OTHER INFORMATION: Description of Artificial Sequence:Abetal3-28

OTHER INFORMATION: peptide with carboxyl terminal Cys residue

POTHER INFORMATION: inserted and two added Gly residues

FEATURE:

NAME/KEY: MOD_RES
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85.7%; Pred. No. 8.2;
vative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                 88.2%; Score 30; DB 4; Length 19; 85.7%; Pred. No. 8.2; ive 1; Mismatches 0; Indels
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Sequence 75, Application US/09724551

Sequence 75, Application US/09724551

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TITLE OF INVENTION Prevention and Treatment of Amyloidogenic Disease

CURRENT APPLICATION NUMBER: US/09/724,551

CURRENT FILING DATE: 2000-01-28

PRIOR FILING DATE: 2000-01-28

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US/09/580,018

PRIOR FILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: Patentin Ver. 2.1

LENGTH: 19
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease PILE REFERENCE: 152703-004720US
CURRENT APPLICATION NUMBER: US/09/201,430
CURRENT FILING DATE: 1998-11-30
PRIOR PAPLICATION NUMBER: US 60/067,740
PRIOR APPLICATION NUMBER: US 60/067,740
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR PILING DATE: 1998-04-07
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
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                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Abetal3-28
OTHER INFORMATION: peptide with carboxyl terminal Cys residue
OTHER INFORMATION: inserted and two added Gly residues
NAME/KEY: MOD_RES
LOCATION: (1)
OTHER INFORMATION: Xaa = acetyl histidine
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85.7%; Pred. No. 8.2;
ive 1; Mismatches 0; Indels
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85.7%; Pred. No. 8.2;
tive 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity 85.7
Matches 6; Conservative
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NAME/KEY: MOD_RES
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US-09-724-551-75
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Search completed: March 9, 2005, 06:42:59 Job time : 19.6986 secs

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OKLVFFA 9

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GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.

protein search, using sw model OM protein - March 9, 2005, 06:11:36 ; Search time 63.9452 Seconds (without alignments) 36.290 Million cell updates/sec Run on:

US-10-009-122-3 29 1 KLVFFA 6 Title: Perfect score: Sequence: Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5

2105692 seqs, 386760381 residues Searched:

2105692 Total number of hits satisfying chosen parameters: . :

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries

geneseqp1980s:*
geneseqp1990s:*
geneseqp2000s:*
geneseqp2001s:* geneseqp2003as:* geneseqp2003bs:* A_Geneseq_16Dec04:* 1: geneseqp1980s:* geneseqp2002s:* geneseqp2004s:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	uo.	Beta-amvl	Beta-amyl	Antifibri	Antifibri	All-D pep		Beta amyl	Amyloid t	Amyloid-b	Peptide #	Peptide #	Abeta pep	Abeta pep	Human bet	Vaccine a	Antifibri	Beta-amyl	Vaccine a	Vaccine a	Vaccine a	Beta-amyl	Antifibri	Non-amnes	Test pept	Beta-amyl
	Description	Aaw02314	Aaw89378	Aab48484	Aab48476	Aab82632	Abg71009	Abb05157	Aau96820	Abb83305	Aau11658	Aau11650	Aae35445	Aae35434	Adj64060	Adq37271	Adq37315	Adq37368	Adq37269	Adq37292	Adq37258	Adq37353	Adq37323	Aar88300	Aar87921	Aaw02312
	9	AAW02314	AAW89378	AAB48484	AAB48476	AAB82632	ABG71009	ABB05157	AAU96820	ABB83305	AAU11658	AAU11650	AAE35445	AAE35434	ADJ64060	ADQ37271	ADQ37315	ADQ37368	ADQ37269	ADQ37292	ADQ37258	ADQ37353	ADQ37323	AAR88300	AAR87921	AAW02312
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di	Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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	3376 Beta	7281 Re81	48475 Anti	3492 Anti	ab48491 Anti	82624 All-D	32640 All-D	2639 All-D	07 Lonc	5155 Beta a	327	312 Amyloi	328 Amyloi	920 Humar	65 Pepti	49 Pepti	66 Pepti	30 Abets	39 Abeta	54 Abeta	53 Abeta	37 Solid	Ada90154 Anti-Abet	46 Humar	155 Humar	58 Humar	122 Beta-	78 Vacci	14 Antifibr	63 Vaccine	79 Vacci	7330 Antif	7331 Anti	7351 Beta-	2310 Beta-	2962	2551 Amyloid	9374 Bei	e10663 Human a	2615 Human
	2 AAW8937	4 AAB6/28	4 AAB4847	4 AAB4849	4	4 AAB8262	4 AAB8264	4 AAB8263	5 ABG7100	5 ABB0515	5 AAU9682	5 AAU9681	5 AAU9682	5 ABB0492	5 AAU1166	5 AAU1164	5 AAU1166	6 ABB8263	6 AAE3543	6 AAE3545	6 AAE3545	6 ADA9093	6 ADA9015	7 ADD2074	7 ADF5085	8 ADJ6405	8 ADP6492	8 ADQ3727	8 ADQ3731	8 ADQ3726	8 ADQ3727	8 ADQ3733	8 ADQ3733	8 ADQ3735	2 AAW0231	2 AAW4596	2 AAW3255	93	4 AAE1066	4 AAE0261
,	100.	, TOO.	9 100.	9 100.	9 100.	100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	29 100.0	9 100.	9 100.
•	9 2 6	/7	28	53	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	20	51	25	23	54	22	26	57	28	29	09	61	62	63	64	65

ALIGNMENTS

AAW02314 Btandard; peptide; 6 AA. 02-MAY-1997 (first entry) AAW02314; RESULT 1 AAW02314

Beta-amyloid modulator peptide #5.

Beta-amyloid; modulator; amyloid plaque; brain lesion; amyloidosis; cerebral blood vessel; Alzheimer; a disease; amyloidogenic protein; familial amyloid polyneuropathy; familial amyloid cardiomyopathy; isolated cardiac amyloidosis; systemic senile amyloidosis; insulinoma; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; urticaria; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; urticaria; aciali-onset diabetes; familial Mediterranean fever; therapy; deafiness; scrapie; familial amyloid nephropathy; hereditary cerebral haemorrhage.

WO9628471-A1 19-SEP-1996 Synthetic. gxyxox www.ww.cexexpxyco

96WO-US003492. 14-MAR-1996;

95US-00404831. 14-MAR-1995; 07-JUN-1995;

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Chalifour R,
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                                                                                                                                                                                                 AAW02310_W02332 represent the peptide portions of the beta-amyloid codilator compounds of the invention. Beta-amyloid peptide is a 4 kilodalten peptide that is the major protein component of amyloid plaques are present both in the brain lesions, and in the walls of cerebral blood vessels in Alzheimer's disease patients. The the walls of cerebral blood vessels in Alzheimer's disease patients. The amyloid modulators of the invention comprise an amyloid ogenic protein or peptide (such as this sequence) coupled directly or indirectly to at least one modifying group. The modifying group is preferably a cyclic, heterocyclic, or polycyclic group, such as declain, a cholamyl group, a biotin containing group, or a fluorescein containing group. These compounds then modulate the agreegation of these sequences to natural amyloid proteins or peptides when contacted with the natural amyloid proteins or peptides. The modulator compounds can be used in the treatment of disorders associated with the natural computed cardiac amyloidosis systemic senile amyloidosis, scrapie, isolated cardiac amyloidosis systemic senile amyloidosis, scrapie, bovine spongiform encephalopathy, familial amyloidosis, gardiac and other types of amyloidosis, heredicary cerebral hamorrhage computed the proposition of the modulators are also useful for the treatment of disorders associated with beta-amyloidosis, especially
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; beta-amyloid peptide; Alzheimer's disease; amyloidogenic protein; aggregation; neurotoxicity; amyloidosis; Down's syndrome; cardiomyopathy; familial amyloid polyneuropathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; bAP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                           Modulators of amyloid aggregation - comprising, e.g. amyloidogenic protein coupled (in)directly to at least 1 modifying gp., useful in tregrament of Alzheimer's disease.
                                              Benjamin H, Garnick MB, Gefter ML, Hundal A;
1880 G, Signer ER, Wakefield J, Reed MJ, Molineaux
Thin J, Lee J, Kelley M;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 29; DB 2; Length 6; 100.0%; Pred. No. 1.8e+06;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Beta-amyloid peptide derivative A-beta-16-21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                 page 91; 106pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAW89378 standard; peptide; 6 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        96US-00612785.
  95US-00548998.
                            (PHAR-) PHARM PEPTIDES INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                02-MAR-1999 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                               Kasman L, Musso G,
Kubasek W, Chin J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Alzheimer's disease
                                                                                                      WPI; 1996-433762/43
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Best Local Similarity
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    27-0CT-1995;
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                                                       Findeis MA,
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                                                                                                                                                                                     Claim 16;
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The present invention describes beta-amyloid peptide (DAP) derivatives. The bAP derivatives inhibit aggregation of amyloidogenic proteins and peptides, specifically bAP, and their neurotoxicity, so are useful for treating and preventing any disease involving amyloidosis, specifically Alzheimer's disease but also Down's syndrome, familial amyloid polyneuropathy or cardiomyopathy, bovine spongiform encephalopathy and Creutzfeldt-Jakob disease. The bAP derivatives are also used to diagnose these diseases, in vitro or in vivo, by detecting binding of bAP to labelled bAP derivatives. Some bAP derivatives inhibit bAP aggregation even when bAP is present in molar excess. The present sequence represents a bAP derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                                                                                                                                             Hundal A, Gefter ML, Kasman L, Musso G, Molineaux S, Benjamin H;
Findeis MA, Chin J, Lee J, Kelley M, Reed M, Wakefield J;
Garnick MB, Kubasek W, Signer ER;
                                                                                                                                                                                                                                                                                                                                          New peptide(s) derived from beta-amyloid peptide that inhibit amyloid aggregation - and neurotoxicity, specifically for treatment and prevention of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Example 12; Col 64; 52pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAB48484 standard; peptide; 6 AA.
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95US-00404831.
95US-00475579.
95US-00548998.
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                                                                                                                     (PRAE-) PRAECIS PHARM INC.
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                                                                                                                                                                                                                                                                                               WPI; 1999-094964/08.
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Best Local Similarity
Matches 6; Conserv
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Modified-site
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   14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
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                                                                                                                                                                                                                                             Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                            Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 29; DB 4; Length 6;
Pred. No. 1.8e+06;
0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAB48476 standard; peptide; 6 AA.
                                                                                                                                                                                      Claim 7; Page 25; 46pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Similarity 100.0%; 6; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      99US-0132592P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Antifibrillogenic peptide #3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         04-MAY-2000; 2000WO-CA000515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (NEUR-) NEUROCHEM INC
WPI; 2001-031852/04.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI; 2001-031852/04.
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Best Local Similarity
Matches 6; Conserv
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KLVFFA 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      05-MAY-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                             protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 4
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Sequence 6 AA;

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The present sequence is tract of an arrive perturbation to the preparing vaccines for preventing or treating Alzhafmer's disease and other amyloid related disorders in humans. It is based on a portion of amyloid-beta peptide (see AABB2622), and may be modified by removing or inserting 1 or more amino acid residues, or by substituting 1 or more amino acid residues or non-amino acid fragments. Vaccines of the invention are produced using 'non-self' peptides synthesised from the unnatural D-configuration amino acid to avoid the drawbacks of 'self' proteins. The all-D peptides need not be avoid the drawbacks of 'self' proteins. The all-D peptides need not be aggregated to be operative or immunogenic. They preferably interact with a ggregated to be operative or immunogenic. They preferably interact with a ggregated to be operative or immunogenic derivative peptides and fragments, protein conjugates, immunogenic derivative peptides and fragments, protein conjugates, immunogenic derivative peptides and corresponding to residues 1.42, 1.40, 1.32, 1.28, 1.7, 10.16, 16.21 and corresponding to residues elicits a preferential TH-2 or TH-1 response, preventing fibrillogenesis and associated cellular toxicity. The amyloid related diseases may be localised amyloidosis, e.g. diabetes type II, neurodegenerative diseases, e.g. bovine spongleon encophalitis,
                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and associated cellular toxicity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The present sequence is that of an all-D peptide suitable for use for
                                    Gaps
                                                                                                                                                                                                                                                                                                                                                  Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
                                    ö
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                                    Indela
 Length
                                                                                                                                                                                                                                                                                                                All-D peptide used in Alzheimer's disease vaccine
 Score 29; DB 4; I
Pred. No. 1.8e+06;
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note= "all D-form residues"
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                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note= "C-terminal amide"
                                                                                                                                                                                                                                                                                                                                                                                                                                           Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Disclosure; Page 11; 31pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kong X,
                                                                                                                                                                                                   AAB82632 standard; peptide; 6 AA.
                                      ö
100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                29-NOV-1999; 99US-0168594P, 28-NOV-2000; 2000US-00724842.
                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (NEUR-) NEUROCHEM INC.
 Query Match
Best Local Similarity`
Matches 6; Conservat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Misc-difference 1
                                                                                                                                                                                                                                                                                                                                                                       therapy; antigen.
                                                                                               KLVFFA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Modified-site
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                                                                                                                                                                                                                                                                            02-OCT-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          07-JUN-2001
                                                                                                                                                                                                                                                                                                                                                                                                       Synthetic.
                                                                                                                                                                                                                                         AAB82632;
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cc isolated cardiac amyloid, systemic senile amyloidosis, scrapie, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, adult onset diabetes, Gerstmann-Straussler-Scheinker syndrome, insulinoma, isolated atrial amyloidosis, idiopathic (primary) amyloidosis, myeloma or cc atrial amyloidosis, primary localised cutaneous macroglobulinaemia-associated with Sjogren's syndrome, reactive condular amyloidosis, familial Mediterranean Fever and familial cc (secondary) amyloidosis, familial Mediterranean Fever and familial emyloido nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icalandic type, amyloidosis associated with long term haemodialysis, hereditary non-contropathic systemic amyloidosis of the thyroid, fibrinogen-associated hereditary carcinoma of the thyroid, fibrinogen-associated hereditary creaminal amyloidosis. The compound is capable of altering and inhibiting beta-mayloidosis. The compound is capable of altering and inhibiting beta-amyloidosis. The condulator. This sequence represents a fragment of the relative to the modulator. This sequence represents a fragment of the cell ong form of beta-amyloid modulator.

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Gaps ö

0; Indels

100.0%; Score 29; DB 5; L 100.0%; Pred. No. 1.8e+06; Live 0; Mismatches 0;

Conservative

Local Similarity hes 6; Conserv

Matches

Query Match

Sequence 6 AA;

> 8 g

ABB05157 standard; peptide; 6 AA.

ABB05157

(first entry)

02-APR-2002

ABB05157;

6;

Length

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                                                                                                                                                                                                                                                                                                                                                                                                                          Beta-amyloid; amyloid modulator; amyloidogenic protein; amyloidosis; familial amyloid cardiomyopathy; isolated cardiac amyloid, systemic senile amyloidosis; scrapbe; myeloma; bovine spongiform encephalopathy; BSE; Creutzfeldt-Jakob disease; adult onset diabetes; Gerstmann-Straussler-Scheinker syndrome; insulinoma; atrial amyloidosis; idiopathic amyloidosis; haemodialysis; primary localised cutaneous nodular amyloidosis; sociated amyloidosis; perimary localised cutaneous nodular amyloidosis; Sjogren's syndrome; hereditary cerebral haemorrhage with amyloidosis; Muckle-Wells syndrome; hereditary non-neuropathic systemic amyloidosis;
Creutzfeldt-Jakob disease, scrapie, cerebral amyloid angiopathy, and prion protein related disorders, or systemic amyloidosis associated with chronic infection (e.g. tuberculosis) or chronic inflammation (e.g. tuberculosis) or chronic inflammation (e.g. amyloidosis found in long-term haemodialysis patients. The present all-b peptide was demonstrated to elicit antibody production in rabbits, and provided greater anti-fibrillogenic activity than its all-L equivalent
                                                                                                                                                                                Gaps
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                                                                                                                                                     Length 6;
                                                                                                                                                                                0; Indels
                                                                                                                                                  100.0%; Score 29; DB 4; L
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                 Long form beta-amyloid protein fragment #6.
                                                                                                                                                                                                                                                                                                                 ABG71009 standard; peptide; 6 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nereditary non-neuropathic B)
Eamilial Mediterranean Fever
                                                                                                                                                                                                                                                                                                                                                                         05-DEC-2002 (first entry)
                                                                                                                                          Query Match
Best Local Similarity 100.
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                                                                                                                          Sequence 6 AA;
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                                                                                                                                                                                                                                                                                       RESULT 6
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Beta amyloid peptide; beta-AP; beta amyloid precursor protein; A-beta; APP-770; amyloid aggregation; amyloidogenic; Alzheimer's disease; nootropic; neuroprotective; immunosuppressive; antimicrobial; auditory; amyloid aggregation intipyretic; dermatological; cardiovascular; nephrotropic; amyloid aggregation inhibitor; neurotoxicity inhibitor; Down's syndrome; amyloidogenic disease; beta amyloid deposition; amyloidosis; hereditary cerebral haemorrhage; familial amyloid polyneuropathy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Hundal A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   n H, Garnick MB, Gefter ML, Hund
Signer BR, Wakefield J, Reed MJ;
                                                                               Beta amyloid peptide (16-21) SEQ ID NO:9
                                                                                                                                                                                                                                                                                                                                                                                                                   95US-00404831.
95US-00475579.
95US-00548998.
                                                                                                                                                                                                                                                                                                                                                                                 96US-00617267.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Benjamin H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Musso G,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPI; 2002-146668/19.
                                                                                                                                                                                                                                                                                                                                                                                                                      14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
                                                                                                                                                                                                                                                                                                                  US6319498-B1.
                                                                                                                                                                                                                                                                                                                                                                                       14-MAR-1996;
                                                                                                                                                                                                                                                                sapiens
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                                                                                                                                                                                                                                                                                                                                                   20-NOV-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Кавшап L,
                                                                                                                                                                                                                                                                                  Synthetic.
                                                                                                                                                                                                                                                                Homo
Amyloid modulator useful for treating a disorder associated with amyloidosis, comprises an amyloidogenic protein and/or a peptide fragment coupled to a modifying group.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The invention describes an amyloid modulator comprising an amyloidogenic protein and/or peptide fragment coupled to a modifying group so that the compound modulates the aggregation of natural amyloid proteins or peptides. The modulator is used for treating a disorder associated with amyloidosis e.g. familial amyloid polyneuropathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Danish type),
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Hundal A;

Findeis MA, Benjamin H, Garnick MB, Gefter ML, Hund Kasman L, Musso G, Signer ER, Wakefield J, Reed MJ

WPI; 2002-697709/75.

(PRAE-) PRAECIS PHARM INC.

14-MAR-1996; 07-JUN-1995;

27-OCT-1995

95US-00404831. 95US-00475579. 95US-00548998. 96US-00617267.

04-OCT-2001; 2001US-00972475.

14-MAR-1995;

US2002098173-A1.

25-JUL-2002

Homo sapiens.

Example 12; Page 35; 41pp; English.

Amyloid modulator compound useful for treatment of an amyloidogenic disease such as Alzheimer's disease comprises an aggregation core domain and a modifying group attached to it.

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ABB83305;
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                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABB83305
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                  The present invention describes an amyloid modulator compound (I) comprising an aggregation core domain and a modifying group attached to it. (I) has nootropic, neuroprotective, immunosuppressive, antimicrobial, antidiabetic, antipyretic, dermatological, cardiovascular, nephrotropic and auditory activities, and can be used as a natural bera amyloid aggregation (beta-AP). (I) are used in the manufacture of a medicament for the diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's Down's syndrome individuals and in patients with hereditary cerebral hasmorrhage with amyloidogis, and for treating a disorder associated with amyloidosis, and for treating a disorder associated with coxicity of natural beta-AP aggregates to cultured neuronal cells. (I) not only reduces the formation of neurotoxic aggregates but also have the present sequence represents a beta-AP peptide, which is used in the present invention
                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               transmissible cerebral amyloidosis; transmissible virus dementia, scrapie; transmissible mink encephalopathy; BSE; type II diabetes; bovine spongiform encephalopathy; inflammation associated amyloid; primary amyloidosis; feline spongiform encephalopathy; Alzheimer's disease; prion-mediated disease; blood-brain barrier; dialysis-related amyloidosis; light chain-related amyloidosis; cerebral amyloid anglopathy.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Amyloid; imaging agent; Creutzfeldt-Jakob disease; Kuru; CJD;
                                                                                                                                                                                                                                                     Length 6;
                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note= "Preferably D-form residue"
                                                                                                                                                                                                                                                   100.0%; Score 29; DB 5; L
100.0%; Pred. No. 1.8e+06;
tive 0; Mismatches 0;
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Disclosure; Col 18; 54pp; English
                                                                                                                                                                                                                                                                                                                                                                             AAU96820 standard; peptide; 6 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                               Amyloid targeting peptide #10.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   25-JUL-2000; 2000US-0220808P
24-JUL-2001; 2001US-00915092
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                                                                                                                                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                                                                                                      Query Match
Best Local Similarity 10u..
6, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Kong X,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WPI; 2002-371447/40
                                                                                                                                                                                                                                                                                                 9
                                                                                                                                                                                                                                                                                                                      KLVFFA 6
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                                                                                                                                                                                                                               Sequence 6 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                    AAU96820;
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The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The cagent is of gameral formula A.t. (A.l.n.k k.z.h.l.b.k l.a.b.l.) where z = 0 - 1; C. A.t. = an amyloid targeting moiety. Also included are Imaging amyloid deposition or diagnosing an amyloid-related condition in a patient involving cadministering (I) to the patient. Also included are Imaging amyloid deposition or administering (I) to the patient. On ultrasound imaging (I) in the patient to determine the presence of amyloid or amyloid-related condition. C. and a kit for preparating a radiopharmaceutical preparation comprising (I), a reducing agent, a buffering agent, a transchelating agent, and condition or amyloid or an amyloid-related condition. The agents are used for imaging amyloid deposition and for diagnosing an amyloid related condition e.g. Creutzfeldt-Jakob disease (CUD), kuru, transmissible creepral amyloidoses (transmissible virus dementias), familial CUD, creepral amyloidoses (transmissible virus dementias), familial CUD, creepral amyloidosis, faline spongiform encephalopathy, non-transmissible creepral amyloidosis, faline spongiform encephalopathy, non-transmissible creepral amyloidosis, Alzheimer's disease, prion-mediated diseases, dislaysis-related amyloidosis, light chain-related amyloidosis, light chain-related amyloidosis, amyloid angiopathy. The agents are capable of crossing the blood-brain cadent of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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fibrillar accumulation; amyloidosis; diabetes; cytoprotection; nootropic;
chronic infection; tuberculosis; inflammation; rheumatoid arthritis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      fever; neurodegenerative disease; scrapie; neuroprotective; antipyretic; bovine spongy form encephalitis; Creutzfeldt-Jacob disease; amyloid-beta; Alzheimer's disease; cerebral amyloid angiopathy; anti-diabetic; tuberculostatic; antiarthritic; antirheumatic; cerebroprotective.
New amyloid-targeting imaging agents useful for in vivo imaging amyloid plaques and/or for the treatment of amyloidosis disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                 57pp; English
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6; Conservative
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                                                                                                                            Claim 49; Page 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
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Wed Mar

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h
Similarity 100.0%; Score 29; DB 5; L
6; Conservative 0; Mismatches 0;
                                                                                                                   disease, cerebral amyloid angiopathy
                               Disclosure, Page 5; 77pp; English
                                                                                                                                                                                                   AAU11658 standard; peptide; 6 AA.
                                                                                                                                                                                                                                                                                                                       22-DEC-2000; 2000WO-IB002078
                                                                                                                                                                                                                                                                                                                                           (NEUR-) NEUROCHEM INC
                                                                                                                                                                                                                                                                                                                                                     Green AM, Gervais F;
                                                                                                                                                                                                                                                                                                                                                                WPI; 2002-075222/10.
WPI; 2002-519078/55.
                                                                                                                                         Query Match
Best Local Similarity
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KLVFFA 6
                                                                                                                                                              1 KLVFFA
                                                                                                                                                                                                                                                                                                  WO200185093-A2
                                                                                                                              Sequence 6 AA;
                                                                                                                                                                                                                                                                             Key
Modified-site
                                                                                                                                                                                                                                                                                                                                 23-DEC-1999;
                                                                                                                                                                                                                        09-APR-2002
                                                                                                                                                                                                                                                                                                            15-NOV-2001
                                                                                                                                                                                                                                                                   Synthetic.
                                                                                                                                                                                                              AAU11658;
                                                                                                                                                    Matches
                                                                                                                                                                                        RESULT 10
                                                                                                                                                                                               AAU11658
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9

(first entry)

/note= "C-terminal amide"

99US-0171877P.

Location/Qualifiers

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The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid angiopathy, particularly Alzheimer's disease, hereditary cerebral amyloid the mayloid of type and haemorrhagic stroke. The present sequence represents one of a group of poptides (AAU11648-AAU11669, AAU11910 & AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by
                                  The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid angiopathy, particularly Alzheimer's disease, hereditary cerebral amyloid hemorrhage with amyloidosis of the Dutch type and haemorrhagic stroke. The present sequence represents one of a group of peptides (AAU11648-AAU11659, AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by cerebral amyloid angiopathy (CAA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Peptide #3, used as a carrier for amyloid-beta40 (Abeta40) inhibitor.
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                                                                                                                                                                                                                                                                                                                                                                                                Length 6;
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                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 29; DB 5; I
100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Disclosure; Page 10; 68pp; English.
Disclosure; Page 10; 68pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAU11650 standard; peptide; 6 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                22-DEC-2000; 2000WO-IB002078.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 2002-075222/10.
                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 KLVFFA 6
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                                                                                                                                                                                                                                                                                                                                                      Sequence 6 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Green AM,
                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local S
Matches 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAU11650;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ठ
                                                                                                                                                                                                 The present invention relates to antifibrillogenic agents (ABB83281-ABB83298), derived from human islet amyloid polypeptide (IAPP, ABB83307).

The present sequence is a peptide fragment of the amyloid-beta (Abbeta) peptide. Aggregation of IAPP, also known as amylin, or Abeta results in ceptides prevent fibril formation and amyloidosis. The antifibrillogenic peptides prevent fibril formation and amyloidosis and hence control folding or deposition of amyloid proteins. The antifibrillogenic peptides of the invention are useful in the manufacture of a medicament for inhibiting or treating amyloidosis or amyloid deposits e.g. Type I and Type II diabetes and/or for cytoprotection. They are also useful for treating senoidsis associated with chronic infection e.g. tuberculosis and chronic inflammation e.g. rheumatoid arthritis, and familial inflammation, fever, neurodegenerative diseases e.g. scrapie, bovine spongy form encephalitis, Creutzfeldt-Jacob disease, Alzhelmer's
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Peptide #11, used as carrier for the amyloid-beta40 (Abeta40) inhibitor.
                                                         New antifibrillogenic peptide useful for inhibiting amyloidosis and/or for cytoprotection in the treatment of amyloidosis disorders e.g. type I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid an CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
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05-DEC-2002.
                        invention
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                                                                                                                                                                                                                                                                 RESULT 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The invention relates to a method for prevention and/or treatment of an amploid-related disease which comprises administration of an all-D-amyloid-beta peptide. The method is used for preventing and/or treating Alzheimer's and other amyloid related disease e.g. cerebral amyloid anglost the amyloid related disease e.g. cerebral amyloid anglosthy; for altering serum levels of amyloid-beta in a mammal and favours the clearance of soluble amyloid-beta in amyloid-beta from the mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including inflammatory diseases e.g. rheumatoid athritis, juvenile chronic architis, ankylosing spondylitis, pooriasis, pooriatic arthropathy, carbritis, ankylosing spondylitis, pooriasis, psoriatic arthropathy, diseases. Ad deposits are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus ulcers, chronic pyelonephritis, osteomyelitis and Whipple's disease). Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The
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                                                                                                                                                                                                                                                                                                                                                                                    All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Prevention and/or treatment of an amyloid-related disease e.g.
Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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0
                                      Length 6;
                                                                         Indels
                                    100.0%; Score 29; DB 5; I 100.0%; Pred. No. 1.8e+06;
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                                                                          0; Mismatches
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/note= "D-form residues"
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                                                                                                                                                                                                                                          AAE35445 standard; peptide; 6 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29-MAY-2001; 2001US-00867847
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                                                                                                                                                                                                                                                                                                               17-JUN-2003 (first entry)
                 Query Match
Best Local Similarity 100..
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                                                                                                                                                                                                                                                                                                                                                      Abeta peptide #16.
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Misc-difference
                                                                                                           1 KLVFFA
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Sequence 6 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unidentified
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                                                                                                                                                                                                                                                                              AAE35445;
                                                                                                                                                                                                    RESULT 12
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The invention relates to a method for prevention and/or treatment of an application of supplication of an all-D amyloid-related disease which comprises administration of an all-D amyloid-bet applied. The method is used for preventing and/or treating halfor and other amyloid relates 6 amyloid-beta in a mammal and amyloid-beta or fibril amyloid-beta from the neammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including inflammatory diseases e.g. rheumatoid arthritis, juvenile chronic arthritis, antylosing spondylitis, psoriasis, psoriatic arthropathy, Reiter's syndrome, Adult Still's disease, bechet's syndrome and Crohn's disease. AA deposits are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus ulcers, chronic pyelonephritis, osteomyllitis and Whipple's disease).

Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinoma, carcinomas of gut, lung
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present sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cerebral amyloid anglopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Siill's disease; Bechet's syndrome; Corbn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 peptide, Alzheimer's disease; rheumatoid arthritis;
                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                           Length 6;
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                                                                                                                                                                       Score 29; DB 6;
Pred. No. 1.8e+06;
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                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1. .6
/note= "D-form residues"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cocation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAE35434 standard; peptide; 6 AA.
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                                                                                                                                                                       100.0%;
100.0%;
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                                                                                                                                                                                                                                             6; Conservative
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                                                                                                                                                                    Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                           KLVFFA 6
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                                                                                                  Sequence 6 AA;
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Matches
                                                                                                                                                                                                                                                         RESULT 15
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 and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                Amyloidogenic protein; therapy; amyloidosis; familial amyloid polyneuropathy; cardiomyopathy; systemic senile amyloidosis; bovine spongiform encephalopathy; systemic senile amyloidosis; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; Gerstmann-Straussler-Scheinker syndrome; diabetes; insulinoma; myeloma; Sjogrem; s syndrome; familial mediterranean fever; urticaria; deafness; hereditary cerebral hemorathage; haemodialysis; thyroid; renal amyloidosis; lysozyme-associated hereditary systemic amyloidosis; beta-amyloid peptide; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         New amyloidogenic protein aggregation modulators useful for treating disorder associated with amyloidosis e.g. familial amyloid polyneuropathy, Creutzfeldt-Jakob disease and adult onset diabetes.
                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Hundal A;
                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Reed MJ;
                                                                           Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gefter ML,
                                                                                                                                                                                                                                                                                    Human beta-amyloid long form peptide fragment #6.
                                                                           100.0%; Score 29; DB 6; I 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Musso G, Signer ER, Wakefield J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Example 12; SEQ ID NO 9; 52pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Benjamin H, Garnick MB,
                                                                                                                                                                                                                ADJ64060 standard; peptide; 6 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 14-WAR-1995; 95US-00404831.
07-UUN-1995; 95US-00475579.
27-0CT-1995; 95US-00549998.
14-WAR-1996; 96US-00617267.
04-OCT-2001; 2001US-00972475.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17-JUN-2003; 2003US-00463729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                (first entry)
                                                                                                      6, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI; 2004-131767/13.
                                                                              Query Match
Best Local Similarity
Matches 6, Conserv
                                                                                                                                             KLVFFA 6
                                                                                                                             1 KLVFFA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                               US2004005307-A1.
                                                       Sequence 6 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Findeis MA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      08-JAN-2004
                                                                                                                                                                                                                                                                 06-MAY-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Kasman L,
                             invention
                                                                                                                                                                                                                                        ADJ64060;
                                                                                                                                                                                                                                                                                                                                                                                                                                         Ношо
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       ប្តប្តប្តវន្តន្ល
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wayloid-beta; amyloid-beta related disease;

mayloid-beta fibril formation; immune response; nootropic;

mayloid-beta fibril formation; immune response; nootropic;

meuroprotective; cerebroprotective; haemostatic; ophthalmological;

metriconvulsant; antielpressant; endocrine; hypnotic;

maticonvulsant; antielpressant; endocrine; hypnotic;

maticonvulsant; antielpressant; endocrine; hypnotic;

mayloid-beta fibril formation modulator; immune system modulator;

mayloid-beta fibril formation modulator; immune cystem modulator;

mayloid-beta fibril formation modulator; immune system modulator;

mild-to-moderate cognitive impairment;

mild-to-moderate cognitive impairment;

mild-to-moderate cognitive impairment;

mild-to-moderate degenerative; hypothyroidism;

mage-related macular degeneration; hypothyroidism;

cerebrovascular disease; cardiovascular disease; memory loss; anxiety;

mild-to-moderate cognitive cardiovascular disease; memory loss; anxiety;

mild-to-moderate degeneration; neurological condition;

mage-related macular degeneration; neurological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
and familial amyloid nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icelandic type, amyloidosis associated with long term haemodialysis, hereditary non-neuropathic systemic amyloidosis (familial amyloid polyneuropathy III), familial amyloidosis of Finnish type, amyloidosis associated with medullary carcinoma of the thyroid, fibrinogen associated hereditary renal amyloidosis and lysozyme-associated hereditary systemic amyloidosis. The present sequence is beta-amyloid peptide fragment used in the exemplification of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Vaccine antigen amyloid-beta related amino acid sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Score 29; DB 8; I
; Pred. No. 1.8e+06;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note= "D-form residues"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note= "amidated"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADQ37271 standard; peptide; 6 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               24-DEC-2003; 2003WO-CA002021.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   07-OCT-2004 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gervais F, Bellini F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WPI; 2004-543342/52.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 KLVFFA 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                KLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            vaccine antigen
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADQ37271;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local
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us-10-009-122-3.rag

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contracted anylota-bear individed by prophylactic or therapeutic immune response against amyloid-bear fibril formation, or fibril formation. Also described is a kit comprising (C). (C) have contropic, neuroprotective, cerebroprotective, haemostatic, computation. Also described is a kit comprising (C). (C) have nootropic, neuroprotective, cerebroprotective, haemostatic, cradiant, antidepressant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (including sporadic (non-hereditary) or familial (hereditary), mild cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, cerebral complexity, hereditary, mild cognitive impairment, complexity, any popthyroidism, cerebrovascular disease, cardiovascular desentation, or a condition body myospitis, age-related macular desention, or a condition associated with Alzheimer's disease. (including hypothyroidism, cerebrovascular disease, cardiovascular disease, amypothyroidism, cerebrovascular disease, anypotrophic lateral sclerosis, acquired immunodeficiency, parkinson's disease, anypotrophic lateral sclerosis, acquired immunodeficiency, cardioxese, altered muscle tone, seizures, sensor loss, vith Lewy bodies, altered muscle tone, seizures, sensor bydies, subdural entended any proman proman processed acquired familiar or with Lewy bodies, altered muscle tone, seizures, sensor loss, vith alternation, or a condition described deficity, or appropried or sensitivity, norman pressure hydrocope, n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      illudion, hallucination, sexual disorder, weight loss, psychosis, a sleep disturbance, incomia, behavioural disinhibition, poor insight, suicidal ideation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt)) in a subject e.g. human having a genomic mutation in an awayloid precursor protein gene, an ApoE gene, or a presentin gene, an having amyloid-beta deposits. The present sequence represents a peptide that can be used as a vaccine antigen in the exemplification of the
                                                                                                                                    agent (a1) that prevents or treats amyloid-beta related disease, and (b) a second agent (a2) that is: (1) a peptide or peptidomimetic that modulates amyloid-beta fibril formation or induces a prophylactic or
                                                                                                      present invention describes compositions (C) comprising: (a) a first
                                    Disclosure; Page 67; 143pp; English.
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Gaps ; 0 Length 6; Indels ö 100.0%; Score 29; DB 8; I 100.0%; Pred. No. 1.8e+06; 0; Mismatches Conservative Query Match Best Local Similarity 9 Sequence 6 AA; 9 Best Loc Matches

present invention.

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1 KLVFFA 셤

ADQ37315 standard; peptide; 6 AA. (first entry) 07-OCT-2004 ADQ37315; RESULT 16 ADQ37315

Antifibrillogenic amyloidosis inhibiting peptide.

amyloid-beta; amyloid-beta related disease; amyloid-beta fibril formation; immune response; nootropic; anteroprotective; cerebroprotective; haemostatic; ophthalmological; antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic; anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic; cardiant; antidepressant; endocrine; hypnotic; amyloid-beta fibril formation modulator; immune system modulator; Alzheimer's disease; mild cognitive impairment; mild-to-moderate cognitive impairment; vascular dementia; cerebral amyloid angiopathy; hereditary cerebral haemorrhage;

senile dementia; Down's syndrome; inclusion body myositis; ge-related macullar degeneration; hypothyroidism; cerebrovascular disease; cardiovascular disease; memory loss; anxiety; behavioural dysfunction; neurological condition; psychological condition; Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator. The present invention describes compositions (C) comprising: (a) a first Disclosure; Page 69; 143pp; English. 24-DEC-2003; 2003WO-CA002021 24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P. (NEUR-) NEUROCHEM INT LTD. Gervais F, Bellini F; WPI; 2004-543342/52. vaccine antiqen. WO2004058239-A1 15-JUL-2004. Synthetic.

C The present invention describes compositions (C) comporising (a) a first cagent (al) that prevente or treate amyloid-beta related disease; and (b) a second agent (al) that is: (i) a peptide or peptidomimetic that c modulates amyloid-beta fibril formation, or induces a prophylatoric or therapeutic immune response against amyloid-beta fibril formation; or fibril formation, or fibril formation, or fibril formation, or fibril formation, or corresponse against amyloid-beta fibril formation. Also described is a kit compassing (C). (C) have fibril formation, antichyroid, vasotropic, cardiovascular, tranquilliser, uncorroursant, antichyroid, vasotropic, cardiovascular, tranquilliser, uncorroursant, antichyroid, vasotropic, cardiovascular, tranquilliser, uncorroursant, antichyrossant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e, all antichyrosid, serior and conderate cognitive impairment, vascular dementia, cerebral complete are candition body myositis, age-related macular dementia, camploid angiopathy, hereditary or embravioural dysfunction (e.g. Huntington's desence anyotrophic lateral solebrowscular disease, cardiovascular dementia, correlation, or a condition associated with Alzheimer's disease (including hypothyroidsem, cerebrovascular disease, cardiovascular disease, amyotrophic lateral solebrows. Pastines, acquired immunodeficiency, with Lewy bodies, altered muscle tone, sensory loss variors, transient alerted andiocate, transient alerted muscle tone, sensory loss variors, transient alerted muscle tone, sensory loss variors, transient alerted muscle tone, sensory loss variors, transient alerted muscle condition (e.g. depression, delation, hallucination, sexual disorder, weight loss, pepthylory or a psychological condition (e.g. depression, delation, hallucination, escual disorder, weight loss, psychosis, a cillusion, hallucination, escual disorder, wei excessive guilt) in a subject e.g. human having a genomic mutation in an amyloid precursor protein gene, an ApoE gene, or a presentlin gene; an ApoE gene, or a presentlin gene; that mayloid-beta deposits. The present sequence represents a peptide that can be used as an antifibrillogenic amyloidosis inhibiting peptide in the exemplification of the present invention.

Sequence 6 AA;

Gape ö 100.0%; Score 29; DB 8; Length 6; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels 6; Conservative Query Match Best Local Similarity Matches

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cc amyloid-beta related disease e.g. Alzheimer's disease (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, amild-competate cognitive impairment, wascular demential, cerebral complete cognitive impairment, vascular demential, cerebral cown's syndrome, inclusion body myositis, age-related macular cown's syndrome, inclusion body myositis, age-related macular competing hypothyroidism, cerebral associated with Alzheimer's disease.

Cc degeneration, or a condition associated with Alzheimer's disease.

Cc (including hypothyroidism, cerebrowscular disease, cardiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, aggression, or incontinence), a neurological condition (e.g. apathy, compasse) amyotrophic lateral sclerosis, acquired immunodeficiency, disease, amyotrophic lateral sclerosis, acquired immunodeficiency, parkinson's disease, aphsai, apraxia, agnosia, Pick disease, visual cristed deficits, incoordination, gelzures, sensory loss, visual cristed deficits, incoordination, gelzures, estimates, transient ischaemic stransient alertness, attention deficit, frequent falls, syncope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural cristed, brain tumour, posttraumatic brain injury, or posthypoxic damage), or a psychological condition (e.g. depression, delusions, cristed modulater, behavioural dissorder, weight loss, psychosis, a sleep disturbance, insomnia, behavioural dissorder, weight loss, psychosis, a cressistory guill') in a subject e.g. human having a genemic mutation in an amyloid modulator peptide which is used in the exemplification of the present invention and the present invention of

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The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that modulates amyloid-beta fibril formation or induces a prophylactic or the prevents or induces a prophylactic or the response against amyloid-beta fibril formation; or (ii) an immune system modulator that prevents or inhibits amyloid-beta fibril formation. Also described is a kit comprising (C). (C) have notropic, neuroprotective, cerebroprotective, haemostatic, ophthalmological, antithyroid, vasotropic, cardiovascular, tranquilliser, uropathic, anticonvulsant, anti-HIV, antiparkinsonian, muscular, neuroleptic, cardiant, antidepressant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator. Disclosure; Page 87; 143pp; English. ADQ37368 standard; peptide; 6 AA. Beta-amyloid modulator peptide. 24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P. 24-DEC-2003; 2003WO-CA002021 (NEUR-) NEUROCHEM INT LTD. (first entry) Bellini F; WPI; 2004-543342/52. WO2004058239-A1. KLVFFA vaccine antigen Key Modified-site 15-JUL-2004. 07-OCT-2004 Gervais F, Synthetic. ADQ37368; ADQ3736 셤

cerebrovascular disease; cardiovascular disease; memory loss; anxiety; behavioural dysfunction; neurological condition; psychological condition; amyloid-beta; amyloid-beta related disease; amyloid-beta fibril formation; immune response; nootropic; amyloid-bete fibril formation; immune response; nootropic; anteropyrotective; haemostatic; ophthalmological; antithyroid; vasotropic; cardiolovascular; tranquilliser; uropathic; anticorvulant; anti-HIV; antiparkinsonian; muscular; neuroleptic; cardiant; antidepressant; endocrine; hypnotic; amyloid-beta fibril formation modulator; immune system modulator; Alzheimer's disease; mild cognitive impairment; manderce cognitive impairment; vascular dementia; erefbral amyloid anglopathy; hereditary cerebral haemorrhage; senile demential bown's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism; /label= bAla /note= "beta-alanine" Location/Qualifiers

present invention.

Sequence 6 AA;

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amyloid-beta; amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
amyloid-beta fibril formation; immune response; nootropic;
antichyvoid; vasotropic; cardiovascular; tranquilliser; uropathic;
anticonvulsant; antidepressant; endocrine; hypnotic;
anticonvulsant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
andid-to-moderate cognitive impairment; vascular dementia;
andid-to-moderate cognitive impairment; vascular dementia;
andid-to-moderate daggeneration; hypothyroidism;
age-related macular degeneration; hypothyroidism;
carebrovascular disease; cardiovascular disease; memory loss; anxiety;
and physioural dysfunction; neurological condition; psychological condition;
                                       ö
                                         Gaps
                                         ö
     Length 6;
                                                                                                                                                                                                                                                                                                             Vaccine antigen amyloid-beta related amino acid sequence.
                                       0; Indels
   100.0%; Score 29; DB 8; L
100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
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'note= "D-form residues"
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                                                                                                                                                                                                         ADQ37269 standard; peptide; 6 AA.
                                                                                                                                                                                                                                                                               07-OCT-2004 (first entry)
                                             6; Conservative
Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                 1 KLVFFA 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            vaccine antigen
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                                                                                                                                                                                                                                               ADQ37269;
                                                                                                                                                                          RESULT 18
ADQ37269
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Vaccine antigen amyloid-beta related amino acid sequence.
                                                                                                                             amyloid-beta; amyloid-beta related disease;
                                          07-OCT-2004 (first entry)
    ADQ37292;
  conditions that prevents or treate amyloid-beta related disease, and (b) a gent (al) that prevents or treate amyloid-beta related disease; and (b) a gent (al) that prevents or inhoration or induces a prophylactic or the repeated against amyloid-beta fibril formation, or the condition or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation, or the prevents or inhibits amyloid-beta fibril formation or induces a prophylactic or the prevents or inhibits amyloid-beta fibril formation and propertic cardiant, antidepressant, endocrine and hypnotic activities, neuroleptic, cardiant, antidepressant, endocrine and hypnotic activities, neuroleptic, cardiant, antidepressant, endocrine and hypnotic activities, neuroleptic, cardiant, antidepressant, endocrine and hypnotic activities, amyloid-beta fibril formation modulators, and as myloid-beta fibril formation modulators, and as myloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an endocrable beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an induce of facesse e.g. Alzhaemer's disease (induding sporadic (c) mon-hereditary) or familial (hereditary)), mild cognitive impairment, wascular dementia, corebral manuloid-beta related disease e.g. Alzhaemer's disease (including hypothyroidism, cerebral hemorrhage, senile dementia, nown's syndrome, includion associated with Alzheimer's disease, degeneration, or a condition associated with Alzheimer's disease, degeneration, associated with Alzheims and the sensition, escape, neurologic sensitivity, normal pressure hydrocephalus, subdation, shalucination, sensor processes and sensition, depressed mood, irritability, anhedonia, social withdered any person or presents an person or 
                                                                                                                                                                                                                                                                              Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                                                                           present invention describes compositions (C) comprising: (a) a first
                                                                                                                                                                                                                                                                                                                                                                   Disclosure; Page 67; 143pp; English.
                                          24-DEC-2003; 2003WO-CA002021
                                                                                  24-DEC-2002; 2002US-0436379P 23-JUN-2003; 2003US-0482214P
                                                                                                                                                 (NEUR-) NEUROCHEM INT LID.
                                                                                                                                                                                           Gervais F, Bellini F;
                                                                                                                                                                                                                                   WPI; 2004-543342/52.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6 AA;
15-JUL-2004.
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ö Gaps ö 100.0%; Score 29; DB 8; Length 6; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels 6, Conservative Query Match Best Local Similarity Matches 6, Conserv ø 1 KLVFFA

ADQ37292 standard; peptide; 6 AA. RESULT 19 ADQ37292

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The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) ca second agent (a2) that is: (i) a peptide or peptidonimetic that condulates amyloid-beta fibril formation, or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation, or therapeutic immune system modulator that prevents or inhibits amyloid-beta fibril formation, or citical information. Also described is a kit comprising (C) (C) have concropic, neuroprotective, cerebroprotective, haemostatic, or contropic, neuroprotective, cerebroprotective, haemostatic, contropic, neuroleptic, anticonvulsant, antidepressant, endocrine and hypnotic activities, or corporatic, anticonvulsant, antidepressant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as amyloid-beta fibril formation modulators, and as amyloid-beta fibril formation modulators, and as amyloid-beta related disease e.g. Alzheimer's disease (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, amyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, camploid angiopathy, hereditary cerebral haemorrhage, senile dementia, commune syndrome, inclusion body myositis, age-related macular condition associated with Alzheimer's disease caliovascular conditions, or a condition associated with Alzheimer's disease conditions, cerebral disease, candiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. Huntington's aggression, or incontinence), a neurological condition e.g. Huntington's
www.rotar.bcca; amytour.bcta feataced disease;

KW maylobeta fibril formation; immune response; nootropic;

M neuroprotective; cerebroporcetive, haemostatic; ophthalmological;

KW antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

KW antichyroid; anti-HIV; antiparkinsonian; muscular; neuroleptic;

KW antichyroid; anti-HIV; antiparkinsonian; muscular; neuroleptic;

KW cardiant; antidepressant; endocrine; hypnotic;

KW amyloid-beta fibril formation modulator; immune system modulator;

KW Alzheimer's disease; mild cognitive impairment;

KW mild-to-moderate cognitive impairment;

KW mild-to-moderate cognitive impairment;

KW cerebral amyloid angiopathy; hereditary cerebral haemorrhage;

KW senile dementia; Down's syndrome; inclusion body myositis;

KW eselbrovascular disease; cardiovascular disease; memory loss; anxiety;

KW vaccine antigen.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             'note= "D-form residues"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
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23-JUN-2003; 2003US-0482214P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Misc-difference 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WO2004058239-A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Synthetic.
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WPI; 2004-543342/52

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amyloid-beta; amyloid-beta related disease;

why amyloid-beta fibril formation; immune response; nootropic;

who multipyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

who antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

who antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

who antitopyresant; antiparkinsonian; muscular; neuroleptic;

who artidopyresant; andocrine; hypnotic;

who anyloid-beta fibril formation modulator; immune system modulator;

who anyloid angiopathy; hereditary cerebral haemorrhage;

while dementia, Down's syndrome; inclusion body myositis;

senile dementia, Down's syndrome; inclusion body myositis;

ser-brovascular disease; cardiovascular disease; memory loss; anxiety;

who accine antigen.
                  parkingon's disease, aphasia, apraxia, agnosia, pick disease, dementia with Lewy bodies, alered muscle tone, seizures, sensory loss, vigual lateld deficite, incoordination, galt disturbance, transient ischaemic attack or stroke, transient alertness, attention deficit, frequent falls, syncope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural hemantoma, brain tumour, posttraumatic brain injury, or posthypoxic damage), or a psychological condition (e.g. depression, delusions, illusion, hallucination, sexual disorder, weight loss, psychosis, a sleep disturbance, insomnia, behavioural disinhibition, poor insight, suicidal ideation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt)) in a subject e.g. human having a genomic mutation in an amyloid precursor protein gene, an ApoE gene, or a presentlin gene; having amyloid-beta deposite. The present sequence represents a peptide that can be used as a vaccine antigen in the exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
amyotrophic lateral sclerosis, acquired immunodeficiency,
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ;
0
                                                                                                                                                                                                                                                                                                                                                                                                                Length 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Vaccine antigen amyloid-beta related amino acid sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 29; DB 8; L
Best Local Similarity 100.0%; Pred. No. 1.8e+06;
Matches 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1. .6
/note= "D-form residues"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADQ37258 standard; peptide; 6 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 24-DEC-2002; 2002US-0436379P.
23-JUN-2003; 2003US-0482214P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bellini F;
                                                                                                                                                                                                                                                                                                                                 present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 KLVFFA 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Misc-difference 1
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                                                                                                                                                                                                                                                                                                                                                                            Sequence 6 AA;
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The present invention describes compositions (C) comprising (a) a first agent (a1) that prevents or tracts amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that condutates amyloid-beta fibril formation, or induces a prophyladric or therapeutic immune response against amyloid-beta fibril formation, or therapeutic immune response against amyloid-beta fibril formation, or information. Also described is a kit comprising (C). (C) have incotropic, nauroprofective, cerebroprofective, haemostatic, cootraphic, anticonvulsant, anti-HIV, antiparkinsonian, muscular, uropathic, anticonvulsant, anti-HIV, antiparkinsonian, muscular, neuroleptic, cardinat, anti-HIV, antiparkinsonian, muscular, courpethic, anticonvulsant, antidepressant, endocrine and hypnotic activities, neuroleptic, cardinat, antidepressant, endocrine and hypnotic activities, compared as amyloid-beta fibril formation modulators, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an immune system modulators (C) and public moderate cognitive impairment, vascular dementia, crebral amyloid-beta related disease e.g. Altahèmer's disease (including sporadic (non-hereditary) or familial (hereditary) erelated macular cerebral haemorrhage, senite dementia, completed angiography, hereditary cerebral haemorrhage, senite dementia, completed angiography, hereditary cerebral haemorrhage, senite of disease, amyloid-beta relations, armiery, a behavioural dysfunction (e.g. purkinson's disease, alteral selerosis, acquired immunofeficiency, disease, amyloid-beta language, aphasia, apraxia, agnosia, person, or incontinance), a neurological condition (e.g. depression, or incontinance), an eurological condition (e.g. depression, delusions, alterad muscle tone, seizures, senite beta serviced intended person protein disease, anyloid-beta deposits. Human having a genomic mutation in an subject e.g. human having a genomic mutation in an eurological con
                                 Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                       The present invention describes compositions (C) comprising: (a) a first
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                amyloid-beta, amyloid-beta related disease; amyloid-beta fibril formation; immune response; nootropic; neuroprotective; cerebroprotective; haemostatic; ophthalmological; antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic; anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;
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100.0%; Pred. No. 1.8e+06;
tive 0; Mismatches 0;
                                                                                                                                 Disclosure; Page 67; 143pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADQ37353 standard; peptide; 6 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beta-amyloid modulator peptide.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      07-0CT-2004
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ADQ37353
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Gaps

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The present invention describes compositions (C) comprising: (a) a first agent (11) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidonimetic that cagent (a1) that prevents or treats amyloid-beta fibril formation, or therapeutic immune response against amyloid-beta fibril formation, or (ii) an immune system modulator that prevents or inhibits amyloid-beta for interprotective, carebroprotective, haemostatic, (C) have noctropic, neuroprotective, carebroprotective, haemostatic, (C) have noctropic, neuroprotective, and sa a military antichardinant, mustage (C). (C) have noticipated, antichardinat, antichardinant, mustage sale (including sporadic and beta related disease e.g. Alzheimer's disease (including sporadic formation beta related disease e.g. Alzheimer's disease (including sporadic moderate cognitive impairment, vascular dementia, cerebral musus system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzheimer's disease (including sporadic compression, or a condition associated with Alzheimer's disease (including phothyroids, erebrovascular disease, actions engals, appethy, hereditary cerebral haemorrhage, senile dementia, bown's syndrome, inclusion body myoaits, agnosia, profession, or incontinence), a neurological condition (e.g. apathy, disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, disease, memory loss, anxiety, a pervolation in deficit, frequent falls, shringen a disease, appassal, apraxia, agnosia, pick disease, dementa stringers or incontinence), a neurological condition, as along fitted deficits, incoordination, gait disturbance, transient ischemmic attach deficits, incoordination, gait disturbance, transient ischemmic attach deficits, incoordination, gait disturbance, proper prevent all disturbance, proper prevent all disturbance, proper prevent all disturbance, proper proper anyloid, precurses, at appeal or anyloid, precurses, transient alexanders, and discrease anyloi
cardiant; antidepressant; endocrine; hypnotic; amwine system modulator; that amyloid-beta fibril formation modulator; immune system modulator; Alzheimer, assaase; mild cognitive impairment; mild-to-moderate cognitive impairment; vascular dementia; erebral amyloid angiopathy; hereditary cerebral haemorrhage; senile dementia; Down's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism; cerebrovascular disease; cardiovascular disease; mamory loss; anxiety; behavioural dysfunction; neurological condition; psychological condition; vaccine antigen.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
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                                                                                                                                                                                                                                                                                                                                                                                                     24-DEC-2003; 2003WO-CA002021.
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23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (NEUR-) NEUROCHEM INT LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gervais F, Bellini F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2004-543342/52
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                                                                                                                                                                                                                                                                                                           WO2004058239-A1.
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                                                                                                                                                                                                                                                             Synthetic.
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amyloid-beta fibril formation; immune response; nootropic; neuroprotective; carebroprotective; haemostatic; ophthalmological; neuroprotective; cardiovascular; tranquilliser; uropathic; antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic; anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic; cardiant; antidepressant; endocarine; hypnotic; amyloid-beta fibril formation modulator; immune system modulator; Alzheimer's disease; mild cognitive impairment; vascular dementia; cerebral amyloid angiopathy; hereditary cerebral haemorrhage; esnile dementia; Down's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism; cerebrovascular disease; cardiovascular disease; memory loss; anxiety; behavioural dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          The present invention describes compositions (C) comprising: (a) a first agent (al) that prevents or treats amyloid-beta related disease; and (b) as second agent (a2) that is: (i) a peptide or peptidomimetic that modulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation; or (ii) an immune system modulator that prevents or inhibits amyloid-beta fibril formation. Also described is a kit comprising (C): (C) have nootropic, neuroprotective, cerebroprotective, haemostatic, ophthalmological, antithyroid, vasotropic, cardiovascular, tranquilliser,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
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                                  100.0%; Score 29; DB 8; Length 6; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                     Antifibrillogenic amyloidosis inhibiting peptide.
                                                                                                                                                                                                                                                                                                                                                                                                              amyloid-beta; amyloid-beta related disease;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Disclosure; Page 69-70; 143pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Location/Qualifiers
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                                                                                                                                                                                                                                                     ADQ37323 standard; peptide; 6 AA.
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23-JUN-2003; 2003US-0482214P.
                                                                                                                                                                                                                                                                                                                                  (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (NEUR-) NEUROCHEM INT LTD.
                                                                           6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gervais F, Bellini F;
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                                  Query Match
Best Local Similarity
                                                                                                                 1 KLVFFA 6
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                                                                                                                                                        KLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          vaccine antigen.
Sequence 6 AA;
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                                                                                                                                                                                                                                                                                                                                  07-OCT-2004
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                                                                                                                                                                                                                                                                                            ADQ37323;
                                                                         Matches
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Disclosure; Page 28; 51pp; English.

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(including hypothyroidism, cerebrovascular disease, cardiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, a gagression, or incontinence), a neurological condition (e.g. apathy, disease, amyotrophic lateral selerosis, acquired immunodeficiency.

Barkinson's disease, aphasia, apraxia, agnosia, pick disease, dementia with Lewy boddes, altered muscle tone, serzures, sensory loss, visual field deficits, incoordination, gait disturbance, transient ischaemic attack or stroke, transient alertness, attention deficit, frequent falls, syncope, neurological sensitivity, normal pressure hydrocephalus, subdural camage), or a psychological condition (e.g. depression, delusions, continuour, posttraumacic brain injury, or posthypoxic damage), or a psychological condition (e.g. depression, delusions, collusion, sexual disorder, weight loss, psychosis, a sleep disturbance, insomnia, behavioural disinibition, poor insight, suicidal ideation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt)) in a subject e.g. human having a genomic mutation in an amyloid precursor protein gene, an ApoE gene, or a presentis a peptide that can be used as an antifibrillogenic amyloidosis inhibiting peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
          neuroleptic, cardiant, antidepressant, endocrine and hypnoric activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulators. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Allaheimer's disease (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, mild-to-moderate cognitive impairment, vascular dementia, cerebral amyloid angiopathy, hereditary cerebral hemorrhage, senile dementia, bown's syndrome, inclusion body myositis, age-related macular degeneration, or a condition associated with Alzheimer's disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Topographic model for amnestic peptide binding - used to design cpds. which enhance memory; and new peptide(s) so designed.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   memory; enhancer; topographic model; amnestic peptide binding site;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 29; DB 8; I
Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    the exemplification of the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Non-amnestic peptide Beta-A4 (16-22).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAR88300 standard; peptide; 7 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%;
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Best Local Similarity
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1 KLVFFA 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Synthetic.
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                       The peptide AAR88300 corresponds to residues 16-22 of beta-A4 was designed as a potential memory enhancing peptide but was found not to be amnestic. (Amnestic peptides are memory-enhancing at lower concentrations than those at which they cause amnesia)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The invention relates to three new peptides which block the amnestic effects of amyloid beta protein and which can be used to ameliorate amnesia and other neurotoxicity in Alzheimer's disease caused by deposition of this protein. The peptides themselves are not amnestic or memory-enhancing. The new peptides are described in AAR87912, AAR87913 and AAR87914. The present sequence is an additional peptide tested in the process but found not to be active
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New peptide(s) which block binding of amyloid beta protein - used for antagonising the amnestic effects of amyloid beta protein, partic. in Alzheimer's disease.
                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                             Test peptide used in study of antagonism of amyloid beta protein.
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                                                                                                                         Length 7;
                                                                                                                                                   Indels
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                                                                                                                        100.0%; Score 29; DB 2; I
llarity 100.0%; Pred. No. 1.8e+06;
Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                       amnesia; amyloid beta; Alzheimer's disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Disclosure; Page 9; 27pp; English.
                                                                                                                                                                                                                                                                             AAR87921 standard; peptide; 7 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   93US-00127904.
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Matches 6, Conser
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                      Synthetic.
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RESULT 25 AAW02312

2 KLVFFA 7

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Advolvanta and personal control of anyloid personal cardians and in additator compounds of the invention. Beta-amyloid peptide is a 4 kilodalton peptide that is the major protein component of amyloid adduces are present both in the brain lesions, and in blades. Amyloid plaques are present both in the brain lesions, and in the walls of cerebral blood vessels in Alzheimer's disease patients. The amyloid modulators of the invention comprise an amyloidogenic protein or peptide (such as this sequence) coupled directly or indirectly to at least one modifying group. The modifying group is preferably a cyclic, heterocyclic, or polycyclic group, such as declain, a cholanyl group, a biotin containing group, or a fluorescein containing group. These compounds then modulate the aggregation of these sequences to natural amyloid proteins or peptides when contacted with the hatural amyloid proteins or peptides. The modulator compounds can be used in the treatment of disorders associated with amyloidosis, such as amyloid polymeuropathy, familial amyloid cardiac amyloidosis, speemic senile amyloidosis, scrapis, solated cardiac amyloidosis, speemic senile amyloidosis, gament familial amyloid cardiac amyloidosis, speemic senile amyloidosis, familial amyloid nephropathy with urticaria and deafines, hereditary cerebral haemorrhage and other types of amyloidosis. The modulators are also useful for the creatment of disorders associated with beta-amyloidosis, especially
                                                                                                                                                                     Beta-amyloid; modulator; amyloid plaque; brain lesion; amyloidosis; cerebral blood vessel; Alzheimer's disease; amyloidogenic protein; familial amyloid polyneuropathy; familial amyloid cardiomyopathy; isolated cardiac amyloidosis; systemic senile amyloidosis; insulinoma; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; urticaria; adult-onset diabetes; familial Mediterranean fever; therapy; deafness; scrapie; familial amyloid nephropathy; hereditary cepebral haemorrhage.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ... Benjamin H, Garnick MB, Gefter ML, Hundal A;
Musso G, Signer ER, Wakefield J, Reed MJ, Molineaux S;
Chin J, Lee J, Kelley M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Modulators of amyloid aggregation - comprising, e.g. amyloidogenic protein coupled (in)directly to at least 1 modifying gp., useful in treatment of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAW02310-W02332 represent the peptide portions of the beta-amyloid
                                                                                                                               Beta-amyloid modulator peptide #3.
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AAW02312 standard; peptide; 7 AA
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95US-00548998
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                                                                                        (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7 AA;
                                                                                                                                                                                                                                                                                                                                                                                             409628471-A1.
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07-JUN-1995;
27-OCT-1995;
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                                                                                      02-MAY-1997
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Kubasek W,
                                                                                                                                                                                                                                                                                                                                                    Synthetic.
                                             AAW02312;
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AAB67281 standard; peptide; 7 AA.
                                                        6; Conservative
                                   Query Match
Best Local Similarity
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a bAP derivative
                                                                            1 KLVFFA
                                                                                              KLVFFA
                  Sequence 7 AA;
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                                                         Matches
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                                                                                                                100.0%; Score 29; DB 2; Length 7; 100.0%; Pred. No. 1.8e+06;
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                                                                                                                                                                                  aggregation; neurotoxicity; amyloidosis; Down's syndrome; cardiomyopathy; familial amyloid polyneuropathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; bAP.
                                                                                                                                                                     Human; beta-amyloid peptide; Alzheimer's disease; amyloidogenic protein;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The present invention describes beta-amyloid peptide (bAP) derivatives
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New peptide(s) derived from beta-amyloid peptide that inhibit amyloid aggregation - and neurotoxicity, specifically for treatment and prevention of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Hundal A, Gefter ML, Kasman L, Musso G, Molineaux S, Benjamin H;
Findeis MA, Chin J, Lee J, Kelley M, Reed M, Wakefield J;
Garnick MB, Kubasek W, Signer ER;
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                                                                                                                                     Beta-amyloid peptide derivative A-beta-15-21.
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                              AAW89376 standard; peptide; 7 AA
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                                                                                                 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 1999-094964/08.
                                                                                                 02-MAR-1999
                                                                                                                                                                                                                                                          Homo sapiens
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27-OCT-1995;
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                                                                                                                                                                                                                                                                              Synthetic.
                                                                AAW89376;
RESULT 26
                AAW8937
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1 KLVFFA 6

Query Match Best Local Similarity Matches 6; Conserv

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Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore
                                                                                                                                                                 Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore besting treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                  0; Indels
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100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAB48492 standard; peptide; 7 AA.
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             Gupta
                                                                                                                                         Claim 7; Page 25; 46pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Antifibrillogenic peptide #19.
                                                                                                       its isomer or peptidomimetic.
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           D,
                                                                                                                                                                                                                                                                                                                                                                       6; Conservative
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             Gervais
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                                            WPI; 2001-031852/04.
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Best Local Similarity
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Modified-site
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           Chalifour R,
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                                                                                                                                                                                                                                                                                                                                                                      Novel chemical compound or composition useful for preventing beta-strand association, comprises peptides containing N-alpha substituted L-amino
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The present invention relates to a chemical compound or composition comprising a peptide with a beta strand forming section and associates with a target beta-strand formed by a separate peptide-containing molecule. The invention is useful for inhibiting or reversing the association of target beta-strand, formed by Alzheimer's Abeta peptide into a beta-sheet or beta-fibre and the aggregation of proteins or
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ilarity 100.0%; Pred. No. 1.8e+06;
Conservative 0: Mismatal.
                                               Residues 16-22 of Alzheimer's Abeta peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 17; Page 46; 77pp; English.
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                                                                               Alzheimer's; Abeta; beta-strand
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                                                                                                                                                                                                                                             99GB-00017724.
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                                                                                                                                                                                                                                                                                                                                           WPI; 2001-182777/18.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Similarity
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                                                                                                                                                                                                                                             28-JUL-1999;
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                                                                                                                Homo sapiens.
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Best Local S
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Matches
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Gaps

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protein

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Best Loc Matches

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The present sequence is that of an all-D peptide suitable for use for preparing vaccines for preventing or treating Alzheimer's disease and confort related disorders in humans. It is based on a portion of amyloid related disorders in humans. It is based on a portion of amyloid-beta peptide (see AAB82622), and may be modified by removing or inserting 1 or more amino acid residues, or by substituting 1 or more can amino acid residues or non-amino acid fragments. Vaccines of the invention are produced using 'non-self' peptides synthesised from the unnatural D-configuration amino acids to avoid the drawbacks of 'self' proteins. The all-D peptides need not be aggregated to be operative or immunogenic. They preferably interact with at least 1 region of an amyloid-beta peptide, or their immunogenic fragments protein conjugates, immunogenic derivative peptides and immunogenic peptidemimetics. Examples include all-D peptides and immunogenic peptides and the all-D peptides and corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-21 and immunogenic peptidemimetics. Examples include all-D peptides given to ABB82623-64. The vaccine elicits a preferential TH-2 or TH-1 response, or preventing fibrillogenesis and associated cellular toxicity. The amyloid corresponding to related diseases may be localised amyloid-being peptides and the all-D perion protein related diseases, e.g. browne spongiform encephalitis, crelated diseases may be localised amyloid-being peptides associated with currefeldt-Jakob diseases, e.g. bowine spongiform encephalitis, crelated diseases, scrapie, crebral amyloid angiopathy, and chronic infection (e.g. tuberculosis) or chronic infection dispaces.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and associated cellular toxicity.
                                                                                                                                                                                                    Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 29; DB 4; Length 7; 100.0%; Pred. No. 1.8e+06; ative 0; Mismatches 0; Indels
                                                                                                                                                    All-D peptide used in Alzheimer's disease vaccine.
                                                                                                                                                                                                                                                                                                                                                         1. .7
/note= "all D-form residues"
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                                                                                                                                                                                                                                                                                                                         Location/Qualifiers
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          AAB82624 standard; peptide; 7 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        29-NOV-2000; 2000WO-CA001413
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28-NOV-2000; 2000US-00724842
                                                                                                          (first entry)
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                                                                                                                                                                                                                                                                                                                                                  Misc-difference 1
                                                                                                                                                                                                                              therapy; antigen.
                                                                                                                                                                                                                                                                                                                                                                                                                           WO200139796-A2
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                                                                                                       02-OCT-2001
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                                                                                                                                                                                                                                                                              Synthetic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
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                                                                                                                                                                                                                         Indels
                                                                                                                                                                      100.0%; Score 29; DB 4; I
100.0%; Pred. No. 1.8e+06;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                             AAB48491 standard; peptide; 7 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Antifibrillogenic peptide #18.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       04-MAY-2000; 2000WO-CA000515.
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                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                    Query Match
Best Local Similarity
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Best Local Similarity
Matches 6; Conserv
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KLVFFA 6
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                                                                                                                         Sequence 7 AA;
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AAB48491;

RESULT 30 AAB4849. ö

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RESULT 31 AAB82624

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Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and
                                                                Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
                                                 All-D peptide used in Alzheimer's disease vaccine.
                                                                                                                ....7
note= "all D-form residues"
                                                                                                                                                                                                                                       Gervais F;
                                                                                                                                     /note= "C-terminal amide"
                                                                                                      Location/Qualifiers
                                                                                                                                                                                                                                       Kong X,
     AAB82640 standard; peptide; 7 AA
                                                                                                                                                                                                                                                                                            associated cellular toxicity.
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28-NOV-2000; 2000US-00724842.
                                                                                                                                                                                   29-NOV-2000; 2000WO-CA001413
                                   (first entry)
                                                                                                                                                                                                                                        Hebert L,
                                                                                                                                                                                                                         (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                       WPI; 2001-441458/47.
                                                                           therapy; antigen.
                                                                                                         Key
Misc-difference
                                                                                                                                                     WO200139796-A2
                                                                                                                               Modified-site
                                                                                                                                                                                                                                        Chalifour R,
                                   02-OCT-2001
                                                                                                                                                                     07-JUN-2001
                                                                                         Synthetic.
                      AAB82640;
AAB82640
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The present sequence is that of an all-D peptide suitable for use in preparing vaccines for preventing or treating Alzheimer's disease and other amyloid related disorders in humans. It is based on a portion of amyloid-beta peptide (see AABS262), and may be modified by removing or inserting 1 or more amino acid residues, or by substituting 1 or more amino acid residues or non-amino acid fragments. Vaccines of the invention are produced using 'non-self' capturents. Vaccines of the invention are produced using 'non-self' capturents. Vaccines of 'self' proteins. The all-D peptides need not be aggregated to be operative or immunogenic. They preferably interact with at least 1 region of an amyloid-beta peptide. Or their immunogenic at least 1 region of an amyloid-beta peptide or their immunogenic fragments, protein conjugates, immunogenic derivative peptides and immunogenic peptidemimetics. Examples include all-D peptides and immunogenic peptidemimetics. Examples include all-D peptides and corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-21 and corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-21 and corresponding to residues lelicits a preferential TH-2 or TH-1 response, in ABB3623-64. The vaccine elicits a preferential TH-2 or TH-1 response, or preventing fibrillogenesis and associated cellular toxicity. The amyloid corrected diseases, scrapie, cerebral amyloid-adsesses, e.g. bovine spongiform encephalitis, cheuratelett-Jakob disease, e.g. bovine spongiform encephalitis, chronic infection (e.g. tuberculosis) or chronic infection (e.g. tuberculosis) or chronic infection (e.g. tuberculosis) or chronic infection (e.g. tuberculosis) crapic patients

Companyloides found in long-term haemodialysis patients Disclosure; Page 11; 31pp; English.

Sequence 7 AA;

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the present sequence is that out an all-bypother suitable tot use in preparing vaccines for preventing or treating Alzheimer's disease and other amyloid related disorders in humans. It is based on a portion of other amyloid related disorders in humans. It is based on a portion of contex amyloid related disorders in humans. It is based on a portion of inserting lor more amino acid residues, or by substituting 1 or more amino acid residues with other amino acid residues or non-amino acid fragments. Vaccines of the invention are produced using 'non-self' capturents and the drawbacks of 'self' proteins. The all-D peptides need not be avoid the drawbacks of 'self' proteins. The all-D peptides need not be avoid the drawbacks of 'self' proteins. The all-D peptides need not be aggregated to be operative or immunogenic. They preferably interact with a leaghest in the amyloid-beta peptide, or their immunogenic GAG-binding site region, the amyloid-beta peptide include all-D peptides and corresponding to residues 1-2, 1-40, 1-15, 1-28, 1-7, 10-16, 16-21 and corresponding to residues lelicits a preferential TH-2 or TH-1 response, in AABBS623-64. The vaccine ellicits a preferential TH-2 or TH-1 response, or related diseases may be localised amyloid-bets applied and associated cellular toxicity. The amyloid related diseases may be localised amyloidosis, e.g. diabetes type II, crelated diseases, scrapie, cerebral amyloid anglopathy, and creuzfeldt-Jakob diseases, scrapie, cerebral amyloidosis associated with
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and associated cellular toxicity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            present sequence is that of an all-D peptide suitable for use in
                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                          Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
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Length 7;
                                       Indels
                                                                                                                                                                                                                                                                                                                                       All-D peptide used in Alzheimer's disease vaccine.
  Score 29; DB 4; I
Pred. No. 1.8e+06;
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/note= "all D-form residues"
                                           0; Mismatches
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                                                                                                                                                                                                                        AAB82639 standard; peptide; 7 AA.
      100.0%;
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28-NOV-2000; 2000US-00724842.
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        Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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                                                                                     1 KLVFFA
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Synthetic.
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14-MAR-1996;
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27-OCT-1995;
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                                                                                                                                                                                                                                                                                                                                                                                                          ABB05155;
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                                                                                                                                                                                                                                                                                                                         Beta-amyloid; amyloid modulator; amyloidogenic protein; amyloidosis; familial amyloid polyneuropathy; familial amyloid cardiomyopathy; familial amyloid cardiomyopathy; familial amyloid cardiac amyloid; ystemic senile amyloidosis; scrapie; myeloma; bovine spongiform encephalopathy; BSE; Creutzfeldt-Jakob disease; adult onset diabetes; Gerstmann-Straussler-Scheinker syndrome; insulinoma; atrial amyloidosis; idiopathic amyloidosis; haemodialysis; macroglobulinaemia-associated amyloidosis; reactive amyloidosis; primary localised cutaneous nodular amyloidosis; Sjogren's syndrome; hereditary cerebral haemorrhage with amyloidosis; Muckle-Wells syndrome; hereditary non-neuropathic systemic amyloidosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     protein and/or peptide fragment coupled to a modifying group so that the compound modulates the aggregation of natural amyloid proteins or peptides. The modulator is used for treating a disorder associated with amyloidosis e.g. familial amyloid polyneuropathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Danish type), isolated cardiac amyloid, systemic senile amyloidosis, scrapie, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, adult onset diabetes, Gerstmann-Straussler-Scheinker syndrome, insulinoma, isolated atrial amyloidosis, idiopathic (primary) amyloidosis, myeloma or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          The invention describes an amyloid modulator comprising an amyloidogenic
  (e.g.
systemic
                                                                                                      Gaps
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chronic infection (e.g. tuberculosis) or chronic inflammation rheumatoid arthritis), familial Mediterranean fever (FMF) and amyloidosis found in long-term haemodialysis patients
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Signer ER, Wakefield J, Reed MJ;
                                                                              Length 7;
                                                                                                    0; Indels
                                                                           'Match 100.0%; Score 29; DB 4; L
Local Similarity 100.0%; Pred. No. 1.8e+06;
ies 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                    Long form beta-amyloid protein fragment #4.
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                                                                                                                                                                                                                      ABG71007 standard; peptide; 7 AA.
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95US-00475579.
95US-00548998.
96US-00617267.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          familial Mediterranean Fever
                                                                                                                                                                                                                                                                         (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , Benjamin H,
Musso G, Signe
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                                                                                                                                             KLVFFA
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                                                                                                                             1 KLVFFA
                                                    Sequence 7 AA;
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07-JUN-1995;
27-OCT-1995;
14-MAR-1996;
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                                                                           Query Match
                                                                                        Best Loc
Matches
                                                                                                                                                                                             RESULT 34
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macroglobulinaemia-associated amyloidosis, primary localised cutaneous nodular amyloidosis associated with Sjogren's syndrome, reactive (secondary) amyloidosis, familial Mediterranean Fever and familial amyloid nephropathy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icelandic type, amyloidosis associated with long term haemodialaysis, hereditary non-neuropathic systemic amyloidosis (familial amyloidosis of Finnish type, amyloidosis associated with the medulary carcinoma of the thyroid, fibrinogen-associated hereditary renal amyloidosis and lysozyme-associated hereditary can amyloidosis. The compound is capable of altering and inhibiting betamyloid protein (beta-AP) aggregation of natural amyloidosinc proteins or peptides when contacted with a molar excess amount of natural beta-APs relative to the modulator. This sequence represents a fragment of the relative to the modulator. This sequence represents a fragment of the long form of beta-amyloid used in the creation of an amyloid modulator
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 29; DB 5; Length 7; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
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Musso G, Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Beta amyloid peptide (15-21) SEQ ID NO:7.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Disclosure; Col 19; 54pp; English.
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95US-00548998
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Best Local Similarity
Matches 6; Conserv
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antidiabetic, antipyretic, dermatological, cardiovassive, antimicrobial, antidiabetic, antipyretic, dermatological, cardiovascular, nephrotropic and auditory activities, and can be used as a natural amyloid aggregation inhibitor and an neurotoxicity inhibitor of natural beta amyloid aggregation continities, and can be used as matural beta amyloid aggregation continities, and amyloidosenic disease e.g. Alzheimer's diagnosis or treatment of an amyloidosenic disease e.g. Alzheimer's diagnosis or treatment of an amyloidosenic disease e.g. Alzheimer's constraint and other clinical occurrences of beta amyloid deposition such as monor and the manual partients with hereditary cerebral commorthage with amyloidosis, and for treating a disorder associated with hemorrhage with amyloid polyneuropathy. (1) reduces the conjuctory of natural beta-AP aggregates to cultured neuronal cells. (1) not only reduce the formation of neurotoxic aggregates but also have the present sequence represents a beta-AP peptider and absolute in the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The invention relates to an amyloid-targeting imaging agent comprising an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      New amyloid-targeting imaging agents useful for in vivo imaging amyloid plagues and/or for the treatment of amyloidosis disorders.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                agent; Creutzfeldt-Jakob disease; Kuru; CJD;
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                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 29; DB 5; Length 7;
100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0; Indels
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Misc-difference 1. .7
/note= "Preferably D-form residue"
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24-JUL-2001; 2001US-00915092.
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Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                  Sequence 7 AA;
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AAU96827
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cc amyloid targeting moiety, a linker moiety and a labelling moiety. The agent is of general formula A.t.A.l.n.k, z-A.l.a.b (1) where z = 0 - 1; cc agent is of general formula A.t.A.l.n.k = a.b. (1) where z = 0 - 1; cc = a labelling moiety. A.lso included are linker moiety; and A.l.a.b cd administering moiety. Also included are linker moiety, and A.l.a.b cd administering (1) to the patient, and ultrasound imaging (1) in the patient, a radiopharmaceutical preparation comprising (2) and a kit for preparing a radiopharmaceutical preparation comprising (1), a reducing agent, a buffering agent, a transchelating agent, and (1), a reducing agent, a buffering agent, a transchelating agent, and instructions for the preparation and use of the radiopharmaceutical in the imaging of amyloid or an amyloid-related condition. The agents are used for imaging amyloid deposition and for diagnosing an amyloid related condition e.g. Creuzfeldt-Jakob disease (3D), kuru, transmissible condition e.g. Creuzfeldt-Jakob disease (3D), kuru, transmissible condition e.g. Creuzfeldt-Jakob disease (3D), kuru, transmissible corpialopase, feline spongiform encephalopathy, non-transmissible creebral amyloidosis, feline spongiform encephalopathy, non-transmissible creebral amyloidosis, Alzheimer's disease, prion-mediated diseases, dialysis-related amyloidosis, Alzheimer's disease, prion-mediated amyloidosis, and are capable of binding specifically to amyloid plaques. The genter and are capable of binding specifically to amyloid plaques. The present sequence is a peptide forming the amyloid targeting moiety of the present equence is a peptide forming the amyloid targeting moiety of the
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1. .7
/note= "Preferably D-form residue"
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24-JUL-2001; 2001US-00915092.
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Best Local 9
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Chalifour R, Migneault

Kong X,

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New amyloid-targeting imaging agents useful for in vivo imaging amyloid plaques and/or for the treatment of amyloidosis disorders.
                25-JUL-2001; 2001WO-CA001071.
                                             25-JUL-2000; 2000US-0220808P.
24-JUL-2001; 2001US-00915092.
                                                                                          (NEUR-) NEUROCHEM INC.
                                                                                                                                                        WPI; 2002-371447/40.
                                                                                                                         Gervais F,
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                                                                                                  The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The amyloid targeting moiety, a linker moiety and a labelling moiety. The control of agent is of general formula A L (A l n k) 2-A l a b (1) where z = 0 - 1; A t = an amyloid targeting moiety. Also included are imaging amyloid deposition or diagnosing an amyloid-related condition in a patient involving administering (1) to the patient, and ultrasound imaging (1) in the patient to determine the presence of amyloid or amyloid-related condition comprising (1), a reducing agent, a buffering agent, a transchelating agent, and control or instructions for the preparation and use of the radiopharmaceutical in the imaging of amyloid deposition and for diagnosing an amyloid related condition. The agents are condition e.g. Creutzfeldt-Jakob disease (CJD) kuru, transmissible condition e.g. Creutzfeldt-Jakob disease (CJD) kuru, transmissible condition e.g. Creutzfeldt-Jakob disease (CJD) kuru, transmissible creabral amyloidosis, feline spongiform encephalopathy, non-transmissible creabral amyloidosis, feline spongiform encephalopathy, non-transmissible creabral amyloidosis, light chain-related amyloidosis, creabral camyloidosis, light chain-related amyloidosis, cerebral amyloidosis, light chain-related amyloidosis, carbanic amyloid angiopathy. The agents are capable of crossing the blood-brain caparin sequence is a peptide forming the amyloid targeting moiety of the
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                              New amyloid-targeting imaging agents useful for in vivo imaging amyloid plaques and/or for the treatment of amyloidosis disorders.
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    /note= "Preferably D-form residue"

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                                                                            Claim 49; Page 21; 57pp; English
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WPI; 2002-371447/40.
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KLVFFA 7
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The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The cagent is of general formula A.t. (A.l.n.k) z-A.l.a.b. [1] where z = 0 - 1; A.t. = an amyloid targeting moiety. Also included are linker moiety; and A.l.a.b. c. al labelling moiety. Also included are linging amyloid deposition or diagnoshing an amyloid-related condition in a patient involving condition and moiety and altrasound imaging (1) in the patient to determine the presence of amyloid or amyloid-related condition; and a kit for preparing a radiopharmaceutical preparation comprising (1), and a kit for preparation and use of the radiopharmaceutical in the imaging of amyloid or amyloid-related condition. The agent are instructions for the preparation and tec of the radiopharmaceutical in the imaging of amyloid deposition and for diagnosing an amyloid related condition e.g. Creutzfldt-Jakob disease (CDD), kuru, transmissible condition e.g. Creutzfldt-Jakob disease (CDD), kuru, transmissible creebral amyloidoses (transmissible virus dementias), familial CDD, scrapie, transmissible mink encephalopathy, bovine spongiform encephalopathy, non-transmissible creebral amyloidosis, feline spongiform encephalopathy, non-transmissible creabral amyloidosis, feline spongiform encephalopathy, non-transmissible condition and are capable of binding specifically to amyloid plaques. The parsent and are capable of binding specifically to amyloid plaques. The present sequence is a peptide forming the amyloid targeting moiety of the
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Claim 49; Page 22; 57pp; English
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Best Local Similarity
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Disclosure; Page 10; 68pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                         The present invention describes a novel peptide compound comprising Lys-
His-Tyr-beta-alaine, which has a memory modulating effect. The peptide
than obtoropic activity. The peptide can be used for the development of
topographic models useful to design and synthesise memory-enhancing and
tife-quality improving substances. The peptide compound restores the
life-quality improving substances. The peptide compound restores the
balance between excitatory and inhibitory systems in the brain, which is
cequired for optimal acquisition and retention of learning and helps to
correct defects in the balance that arise as a result of aging,
correct and injury. The substances exert recybernaticising effects on
infections and injury. The substances exert recybernaticising effects on
correct and the peptide structures. The substances mimic the action of
active peptides without having a peptide structure and do not subject to
degradation of peptide-splitting enzymes in the gut or other tissues. The
present sequence represents a human amyloid beta protein (beta-A4)
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CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease;
cerebra1 haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Peptide #18, used as carrier for the amyloid-beta40 (Abeta40) inhibitor.
                                                                                                                                                                         New peptide compound useful for design of substances that enhance memory.
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         97US-00797782.
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Best Local Similarity luv..
6; Conservative
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1 KLVFFA 6
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                                                     (ROBE/) ROBERTS E.
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           07-FEB-1997;
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                                                                                                    Roberts E;
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The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid angiopathy, particularly Alzheimer's disease, hereditary cerebral haemorrhage with amyloidosis of the Dutch type and haemorrhagic stroke. The present sequence represents one of a group of peptides (AAU11649-AAU11669, AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by cerebral amyloid angiopathy (CAA)
The present invention relates to a new method of inhibiting cerebral amyloid anglopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid anglopathy, particularly Alzheimer's disease, hereditary cerebral haemorrhage with amyloidosis of the Dutch type and haemorrhagic stroke. The present sequence represents one of a group of peptides (AAUI1648-AAUI19169, AAUI1911) that were used in the invention as a carrier for the amyloid beta40 (Abeta40) inhibitor. The Abeta40 inhibitor cerebral amyloid angiopathy (CAA)
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Pred. No. 1.8e+06;
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ilarity 100.0%;
Conservative 0;
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Best Local Similarity
6, Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 7 AA;
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ABB82630 standard; peptide; 7 AA.

RESULT 43 ABB82630 (first entry)

04-PEB-2003

ABB82630;

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
                                                                                                                                                                                                                                                                                                                                        Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                            Peptide #19, used as carrier for the amyloid-beta40 (Abeta40) inhibitor.
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                                   Length 7;
                              100.0%; Score 29; DB 5; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0;
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                                               Similarity 100.
6; Conservative
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Best Local Similarity
Matches 6; Conserv
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KLVFFA 7
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Sequence 7 AA;
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Best Local S:
Matches 6
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The invention relates to a peptide (I) inhibiting fibrillogenesis, that comprises a beta-strand with two faces, where the first face has hydrogen bonds, and the second face blocks or disrupts propagation of hydrogen bonds, and the second face blocks or disrupts propagation of hydrogen bonding between beta-strands needed to form fibrils. (I) is useful for inhibiting fibrillogenesis, for detecting fibrils in a subject and for screening candidate fibrillogenesis inhibitors. A pharmaceutical composition comprising (I) is useful for inhibiting or disassenbling fibrils associated with pathological states such as Alzheimer's disease, composition comprising (I) is useful for inhibiting or disassenbling fibrils associated with pathological states such as Alzheimer's disease, creative amyloidosis, familial Mediterranean fever, familial amyloid polyneuropathy, familial amyloid cardiomyopathy, isolated cardiac amyloid, systemic senile amyloidosis, adult onset diabetes, insulian amyloidosis, hereditary cerebral haemorrhage with amyloidosis, familial amyloidotic polyneuropathy, scrapis, creations of the thyroid, familial amyloidotic polyneuropathy, scrapis, creations of the sponsificarm encephalist, principle.
                                                                                                                                                                 Abeta; beta-amyloid; fibrillogenesis; fibril; nootropic; neuroprotective; cerebroprotective; haemostatic; antipyretic; nephrotropic; vasotropic; dermatchogical; auditory; antidiabetic; cytostatic; antiinflammatory; antimitorobial; anticonvy; antidiabetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Novel peptide for inhibiting fibrillogenesis, and for screening fibrillogenesis inhibitors, has beta-strand with one face having hydrogen bonds and other face blocking propagation of hydrogen bonding between
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              mediated diseases, or Huntington's disease. (I) is useful for treating diseases associated with fibrillogenesis or for treating and/or diagnosing a subject which is a mammal, preferably human, having protein aggregation disease or protein misfolding disease. The composition is useful in both preventive and curative therapies of fibril based pathologies mentioned above. The present sequence represents a peptide which can comprise consecutive N-methylation, but is a weak inhibitor of Abeta
                                                                                                                                                                                                                                                                                                                                                                    3. .6
/note= "can be methylated; both the methylated and non-methylated versions of this peptide are poor
fibrillogenesis inhibitor"
                                                                                                                    Abeta fibrillogenesis inhibitor peptide Abeta16-22.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /note= "C-terminal CONH2"
                                                                                                                                                                                                                                                                                                                                           Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20-MAR-2002; 2002WO-US008803.
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Gaps

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KLVFFA 6 KLVFFA

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present sequence is an Abeta peptide used to illustrate the method of the
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Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinoma and hairy cell leukaemia. The
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                                                                                                                                                                                                                                                                                                                 All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Becher's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                                           Gaps
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Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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                                                                 Length 7;
                                                                                           0; Indels
                                                                   Score 29; DB 6; I
Pred. No. 1.8e+06;
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Misc-difference 1. .7
/note= "D-form residues"
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                                                                                                                                                                                                                AAE35439 standard; peptide; 7 AA.
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                                                                   100.0%;
100.0%;
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                                                                                                                                                                                                                                                                      (first entry)
                                                                   Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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KLVFFA 6
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                  fibrillogenesis
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                                          Sequence 7 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                 Unidentified
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The invention relates to a method for prevention and/or treatment of an amyloid-related disease which comprises administration of an all-D amyloid-beta peptide. The method is used for preventing and/or treating Alzheimer's and other amyloid related disease e.g. cerebral amyloid alzenier's and other amyloid related disease e.g. cerebral amyloid carpotathy; for altering serum levels of amyloid-beta in a mammal and cavours the clearance of soluble amyloid-beta or fibril amyloid-beta from the mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including inflammatory diseases e.g. rheumatoid arthritis, juvenile chronic arthritis, ankylosing spondylitis, psoriasis, psoriatic arthropathy.

Reiter's syndrome, Adult Still's disease, Bechet's syndrome and Crohn's disease. AA deposits are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus) ulcers, chronic pyelonephritis, osteomyelitis and Whipple's disease).
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                                                                                                                                                           Gaps
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Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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                                                                                                  Length 7;
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                                                                                                        Score 29;
Pred. No. 1
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                                                                                                        100.0%;
100.0%;
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                                                                                                                                                                        6; Conservative
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                                                                                                                                           Similarity
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Misc-difference
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                                                  Sequence 7 AA;
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invention
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Best Local
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Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinoma, carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; ostcomyelltis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               The invention relates to a method for prevention and/or treatment of an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis;
                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prevention and/or treatment of an amyloid-related disease e.g. Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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                                                                                                                                                       Length 7;
                                                                                                                                                                                        0; Indels
                                                                                                                                                   100.0%; Score 29; DB 6; L 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                      0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                           AAE35453 standard; peptide; 7 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               29-MAY-2001; 2001US-00867847
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                                                                                                                                                                                          Conservative
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                                                                                                                                               Query Match
Best Local Similarity
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KLVFFA 6
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                                                                                                               Sequence 7 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unidentified
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                                                                              invention
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ulcers, chronic pyelonephritis, osteomyelitis and Whipple's disease). Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's llymphoma, renal carcinoma, carcinomas of gut, lung and urogenital tract, basal call carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nootropic; antiparkinsonian; gene therapy; amyloidogenesis; amyloid-plaque formation; beta-amyloid plaque; immunisation; dementia; Alzheimer; disease; motor neuropathy; bown's syndrome; Creutzfeldt Jacob disease; hereditary cerebral haemorrhage; amyloidosis; Parkinson's disease; HIV-related dementia; amyotrophic lateral sclerosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      regions of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           antibody molecule; antibody; beta-A4 peptide; Abeta4; neuroprotective;
                                                                                                                                                                                                          Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New antibody molecule capable of specifically recognizing two regions the beta-A4 peptide, useful for diagnosing, preventing or treating diseases associated with amyloidogenesis or amyloid-plaque formation
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Rothe C;
                                                                                                                                                                  100.0%; Score 29; DB 6; I
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
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Nordstedt C,
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                                                                                                                                                                                                                                                                                                                                                                           ADA90937 standard; peptide; 7 AA.
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Loetscher H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         neuronal disorder; aging.
                                                                                                                                                                                                          6; Conservative
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                                                                                                                                                                    Query Match
Best Local Similarity
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                                                                                                                                 Sequence 7 AA;
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Loehning C, I
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                                                                                                invention
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cc nucleic acid of (1), vector of (2) or host cell of (3); (7) optimising caping the resulting Fab optimised clones; (10) expressing against Abeta4, (9) identifying optimised clones; (10) expressing of selected, optimised clones; (11) preparing a pharmaceutical composition, comprising optimised clones; (11) preparing a pharmaceutical composition prepared by method (8). (1) has continued antibody/antibody molecule with a carrier; and (12) a continued contropic and antibody molecule (1), nucleic and molecule, contropic and antibody molecule (1), nucleic acid molecule, corector or host is useful in preparing a pharmaceutical composition for the prevention and/or treatment of a disease associated with anyloid openesis and/or ramyloid-plaque formation. The antibody molecule composition for the disease mentioned above. The antibody is used for the detection of the disease mentioned above. The antibody is used for the distince anyloid plaques formation in particular, the disease is capinst beta-amyloid plaques for neuropathy, Down's syndrome, caping particle discusse, motor neuropathy, Down's syndrome, contracted damentia, Alzhaimer's disease, motor neuropathy, Down's syndrome, contracted damentia, and accented anyloid sole present the exemplification of the present invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     antibody molecule; antibody; beta-A4 peptide; Abeta4; neuroprotective; nootropic; antiparkinsonian; gene therapy; amyloidogenesis; amyloid-plaque formation; beta-amyloid plaque; immunisation; dementia; Alzheimer; 6 disease; motor neuropathy; Down's syndrome; Creutzfeldt Jacob disease; hereditary cerebral haemorrhage; amyloidosis; parkinson's disease; HIV-related dementia; amyotrophic lateral sclerosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 New antibody molecule capable of specifically recognizing two regions of
the beta-A4 peptide, useful for diagnosing, preventing or treating
diseases associated with amyloidogenesis or amyloid-plaque formation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Anti-Abeta antibody related amino acid sequence SEQ ID NO:269.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 29; DB 6; Length 7; 100.0%; Pred. No. 1.88+06; ive 0; Mismatches 0; Indels
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Rothe C;
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Nordstedt C,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (HOFF ) HOFFMANN LA ROCHE & CO AG F. (MORP-) MORPHOSYS AG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADA90154 standard; peptide; 7 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bardroff M, Bohrmann B,
Loehning C, Loetscher H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20-NOV-2003 (first entry)
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Best Local Similarity 100.
Matches 6; Conservative
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1 KLVFFA 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7 AA;
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The present invention describes an antibody molecule (1) capable of specifically recognising two regions of the beta-A4 peptide/Abeta4. The specifically recognising two regions of the beta-A4 peptide/Abeta4. The first region comprises the main of acid sequence Ala-Glu-Phe-Arg-His-App-CC amino acid sequence Val-His-His-Glu-Lys-Leu-Val-Phe-Phe-Ala-Glu-App-Val-Camino acid sequence Comprising the vector comprising the nucleic acid of (1); (3) a host call comprising the vector of (3) under conditions that allow synthesis of culturing the host call of (3) under conditions that allow synthesis of (1) and recovering (1) from the culture; (5) a composition comprising (1), vector of host call of (1); (4) peparing (1); (8) testing the resulting Fab optimisation library by panning of selected, optimised clones; (11) preparing a pharmaceutical composition prepared by method (8): (1), has composition for optimised antibody/antibody molecule with a carrier; and (12) a pharmaceutical composition prepared by method (8): (1) has pharmaceutical composition for the prevention and/or treatment of a disease associated with carrier; and can be used in preparing a pharmaceutical composition for the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease mentioned above. The antibody is used for the disease mention of baca-amyloid plaque formation of the disease mention of alsease, more recordance of the di
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self-assembling structure; molecular-level probing; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 29; DB 6; Length 7; 100.0%; Pred. No. 1.8e+06;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                   Disclosure; Page 260; 312pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Location/Qualifiers
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Best Local Similarity 100.
Matches 6; Conservative
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(e.g. dementia).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 7 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 09-OCT-2003.
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Search completed: March
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                                                                                                                                                                                                                                                                  The present invention describes a method (M1) for controlling self-
assembly of self-assembling peptide-based structures by providing a
controlled environment and placing segments of beta-amyloids in the
controlled environment to generate a self-assembling structure. Also
described: (1) a method (M1a) for controlling self-assembly of peptide-
based structures comprising providing a controlled environment adapted to
redirect a self-assembly process, and generating a self-assembling
peptide-based structure
controlled environment; and (2) a self-assembling peptide in the
controlled environment; and (2) a self-assembling peptide in the
controlled environment; and of (2) a self-assembling peptide amino
controlled environment of segments, optionally with a conservative amino
controlled environment of suseful in controlling the self-assembling peptide
beta-amyloid. The method is useful in controlling the self-assembling peptide
self-assembling peptide-based structures. The self-assembling peptide
controlling the present in mention is used in the
controlling the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                   Controlling self-assembly of peptide-based structures (e.g. nanotubes) comprises providing a controlled environment and placing segments of beta -amyloids in the controlled environment to generate a self-assembling
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            human; calcitonin; multiple myeloma; medullary carcinoma; aortic medical carcinoma; antidiabetic; nootropic; neuroprotective; antiparkinsonian; fibril; type-II diabetes mellitus; amyloidosis; self-aggregating peptide; amyloid-associated disease; Alzheimer's disease; SAA amyloidosis; hereditary Icelandic syndrome.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 29; DB 7; Length 7; 100.0%; Pred. No. 1,8e+06; ... ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human calcitonin derived peptide fragment 2.
                                                                                                                 Dong J;
                                                                                                                                                                                                                                          Disclosure; Page 10; 46pp; English.
                                                                                                                 Morgan DA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADF50855 standard; peptide; 7 AA
                          22-MAR-2002; 2002US-0366826P.
23-OCT-2002; 2002US-0420746P.
21-MAR-2003; 2003US-0456641P.
24-MAR-2003; 2003WO-US009229.
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                                                                                                                                          WPI; 2003-804023/75
                                                                                 (UYEM-) UNIV EMORY.
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Best Local Similarity
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This invention relates to novel self-aggregating peptides that can be used for the diagnosis and treatment of amyloid-associated diseases.

Specifically, it refers to peptides, and antibodies directed therefore the conformation and characterists, which can prevent or reduce fibril formation and diaggregate formed aggregates by competitive destabilisation.

Conformingly, these compositions can be used directly to inhibit the production of islet amyloid polypeptides (IAPPP) and for the inhibit to production of islet amyloid polypeptides (IAPPP) and for the inhibit to conform the production of islet amyloid polypeptides (IAPPP) and for the inhibit to conform the production of islet amyloidosis. As such they are useful for treating a variety of conformation of islet amyloidosis, hereditary Icelandic syndrome, althoughed myeloma, medullary carcinoma, acrtic medical carcinoma.

Additionally, they can be described as exhibiting activities such as antidiabetic, nootropic, neuroprotective and antiparkinsonian. This antidiabetic, nootropic, neuroprotective and antiparkinsonian. This coptide sequence is a human medin peptide fragment (also known as milk fat globule-EGF factor 8 protein, which is the main constituent of acrtic medial amyloid deposits). This peptide sequence is a human calcitonin-

Conformation of the peptide fragment of the peptide factor of a protein of the peptide factor of the 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New self-aggregating peptide useful for treating amyloid-associated diseases e.g., Alzheimer's disease, Parkinson's disease, hereditary icelandic syndrome, multiple myeloma, medullary carcinoma.
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100.0%; Pred. No. 1.8e+06;
tive 0; Mismatches 0;
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01-JUL-2002, 2002US-0392266P.
06-SEP-2002, 2002US-00235852.
27-DEC-2002, 2002US-0436453P.
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Sequence 23, Appl Sequence 24, Appl Sequence 21, Appl Sequence 22, Appl Sequence 24, Appl Sequence 22, Appl Sequence 21, Appl Sequence 24, Appl Sequence 24, Appl Sequence 27, Appl Sequence 27, Appl Sequence 26, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 61, Appl	Amyloid
10. 4 US-09-724-961-23 10. 4 US-09-580-018-20 10. 4 US-09-580-018-21 10. 4 US-09-580-018-21 10. 4 US-09-580-018-22 10. 4 US-09-580-018-24 10. 4 US-09-580-018-24 10. 4 US-09-580-018-24 10. 4 US-09-724-551-20 10. 4 US-09-724-551-22 10. 4 US-09-724-551-22 11. 4 US-09-724-551-23 11. 5 US-08-10-20-14 11. 5 US-09-99-88-842-9 11. 6 US-09-724-551-23 11. 6 US-09-724-551-23 11. 7 US-09-99-88-842-9 11. 6 US-09-724-551-23 11. 7 US-09-99-88-842-9 11. 6 US-09-724-551-23 12. US-08-61-785B-14 13. US-09-99-88-842-9 15. 4 US-09-724-551-37 15. 4 US-08-76-596A-65 15. 4 US-08-76-596A-65 17. 4 US-08-76-596A-65 18. US-08-76-596A-65 19. 4 US-09-724-961-75 19. 4 US-09-724-489-5 19. 4 US-09-724-477-5	andeis, Mark A. et al. TION: Ab Peptides that Modulate b-Amyloid TION: Agregation ADDRESS: 40 ADDRESS:
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ore version 5 sw model sw model sill:36; Sea tt 0.5 tt 0.5 summaries a/1/iaa/5A_C a/1/iaa/5A_C a/1/iaa/5A_C a/1/iaa/5B_C a/1/iaa/5A_C a/1/iaa/6B_C a/1/iaa/bar ceulte predi to the scoret to the total SUMMARIES	6 3 US-08-703-675C-32 6 4 US-09-747-408-3 6 4 US-09-747-408-3 6 4 US-09-747-408-11 7 1 US-08-127-904-14 7 2 US-08-747-408-11 7 3 US-08-617-267C-7 7 3 US-08-617-267C-7 7 3 US-09-747-408-12 7 4 US-09-747-408-13 7 4 US-09-747-408-19 7 5 US-08-610-765-14 8 2 US-08-610-765-14 8 3 US-08-610-765-14 8 3 US-08-610-765-14 8 4 US-08-610-765-14 8 3 US-08-610-765-14 8 4 US-08-610-765-14 8 4 US-08-610-765-14 8 4 US-08-610-765-14 8 4 US-08-610-765-14 8 4 US-08-610-765-14 8 4 US-08-610-765-14 9 4 US-09-764-961-20 9 4 US-09-724-961-20 9 4 US-09-724-961-20
tein - protein Harc E score: 29 Ce: 1 KL Gapo E stable: BLOS Table: 185 Table: 185 Table: 188 Tred: No. is t Score greater and is derived Score Matc	

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                                                                                                                             Score 29; DB 3; Length 6; Pred. No. 4.1e+05;
                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/08617267C

Patent No. 6319498

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSES: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: O2109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
COMPUTER: IBM PC COMPALIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
PRIOR APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/45,579
FILING DATE: 07-JUN-1995
ATLING DATE: 27-CT-1995
ATTORNEY AGENT INFORMATION:
NAME: Deconti, Giulio A:
TELECOMMUNICATION NUMBER: PPI-002CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 29; DB 3; I
100.0%; Pred. No. 4.1e+05;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                                                                                                                          Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
            ; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-703-675C-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide
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Best Local Similarity
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US-09-747-408-3
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US-08-703-675C-32
US-08-703-675C-32

US-08-703-675C-32

Sequence 3.2, Application US/08703675C

Sequence 3.2, Application US/08703675C

Sequence 3.2, Application US/08703675C

SEQUENCES:

NEWENTION: Modulators of -Amyloid Peptide NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

STREET: 28 State Street

CITY: Boston

STRATE: Massachusetts

COUNTRY: USA

COUNTRY: USA

COUNTRY: USA

CONPUTER: READBLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: USSN 08/404,831

FILING DATE: 14-MAR-1995

FILING DATE: 14-MAR-1995

FILING DATE: 17-UN-1995

FILING DATE: 70-OCT-1995

FILING DATE: 70-OCT-1995

FILING DATE: 17-MAR-1995

FILING DATE: 17-MAR-1995
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REFERENCE/DOCKET NUMBER: PPI-016CP2
TELECOMMUNICATION INFORMATION:
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/ACENT INFORMATION:
NAME: DECONT, Giulio A.
REGISTRATION NUMBER: 31,503
                                                                                                                                                                           PPI-002CP3
                                                                                                                                                                    REPRENCE/DOCKET NUMBER: PPI-
TELECOMMUNICATION INFORMATION:
TELEFHONE: (617) 742-4214*
INFORMATION FOR SEQ ID NO 9
SEQUENCE CHARACTERISTICS*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity. 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                             , MOLECULE TYPE: peptide US-08-612-7858-9
                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
TOPOLOGY: linear
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100.0%; Score 29; DB 1; Length 7; 100.0%; Pred. No. 4.1e+05;
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Patent No. 5854204
CENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Boaton
STATE: Massachusetts
COUNTRY: US State Street, Suite 510
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: The PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: H4-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
                                                                COUNTRY: California
COUNTRY: United States of America
ZIT: 91010-0269
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4" diskette
COMPUTER: Wang PC
COMPUTER: Wang PC
COMPUTER: Wang PC
COMPUTER: Microsoft
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/127,904
FILNG DATE: 29 September 1993
CLASSIFICATION 324
PRIOR APPLICATION 342
PRIOR APPLICATION 342
PRIOR APPLICATION 642
PRIOR APPLICATION 1644
PRIOR APPLICATION 1654
PRIOR APPLICATION 1654
PRIOR APPLICATION 1654
PRIOR APPLICATION NUMBER: 16,541
REFERENCE/DOCKET NUMBER: NO. 5470951e
TELEPHONE: (202) 783-6040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
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CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
         E: City of Hope
1500 East Duarte Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (202) 783-60.
TELEFRAX: (202) 783-6031
TELEX: NO. 54709516
INFORMATION FOR SEQ ID NO:
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US-08-127-904-14
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                              STREET: 1500
CITY: Duarte
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       ADDRESSEE:
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US-08-612-785B-7
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Patent No. 6670399
GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Cerebund Andloid Angiopathy
TITLE OF INVENTION: Cerebund Andloid Angiopathy
TITLE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR PILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                  APPLICANT: Green, Allan M.
APPLICANT: Green, Allan M.
TITLE OF INVENTION: Compounds And Methods For Modulating;
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION: NUMBER: US/09/747, 408
CURRENT APPLICATION NUMBER: 60/171, 877
PRIOR APPLICATION NUMBER: 60/171, 877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.0%; Score 29; DB 4; Length 6; Best Local Similarity 100.0%; Pred. No. 4.1e+05; Matches 6; Conservative 0; Mismatches 0; Indels
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TITLE OF INVENTION: Method For Antagonizing
TITLE OF INVENTION: Amnestic Effects of Amyloid n
TITLE OF INVENTION: Protein and Improving the
TITLE OF INVENTION: Quality of Life in Individuals
TITLE OF INVENTION: With Alzheimer Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 29; DB 4; I
100.0%; Pred. No. 4.1e+05;
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Sequence 3, Application US/09747408
Patent No. 6670399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
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1 KLVFFA 6
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                                                 GENERAL INFORMATION:
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US-09-747-408-11
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LENGTH: 6
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US-08-617-267C-7

Sequence 7, Application US/08617267C

Patent No. 6319408

GENERAL INFORMATION:

APPLICANT: Findeis, Mark A. et al.

APPLICANT: Findeis, Mark A. et al.

TITLE OF INVENTION: Modulators of Amyloid Aggregation

NUMBER OF SEQUENCES: 45

CORDESPONDES: 15 State Street

CITY: Boston

STREET: 28 State Street

COUNTRY: USA

ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC-Compatible

OPERATION VOMBER: US/08/617,267C

APPLICATION NUMBER: US/08/617,267C

PTILNG DATE: 14-WAR-1996

PRILNG DATE: 14-WAR-1995

PRILNG DATE: 14-WAR-1995

PRILNG DATE: 14-WAR-1995

PRILNG DATE: 17-WAR-1995

PRILNG DATE: 17-WAR-1995

PRILNG DATE: 17-WAR-1995

PRILNG DATE: 17-WAR-1995

PRILNG DATE: 27-OCT-1995

PRILNG DATE: PROCENTION NUMBER: PPI-002CP2

TELECOWMUNICATION INFORMATION:

NAME: DECORIT, GIULIO A.

RESTERENCE/DOCKET NUMBER: PPI-002CP2

TELEDROWNICATION INFORMATION:

TELECOMMUNICATION I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 7;
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                                                                                                   Query Match
100.0%; Score 29; DB 3; L
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 6; Conservative 0; Mismatches 0;
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; Sequence 13, Application US/09264709A
; Patent No. 6320024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
Matches 6; Conservative
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MOLECULE TYPE: peptide
TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                amino acid
3Y: linear
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KLVFFA 7
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                                                            US-08-703-675C-30
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SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 1-AUG-1996
CLASSIPICATION: 514
PRIOR APPLICATION NUMBER: US/08/08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
PRIOR APPLICATION NUMBER: USSN 08/616,081
FILING DATE: 14-MAR-1996
ATTORNEY/AGENT INFORMATION:
NUMBER: USSN 08/616,081
FILING DATE: 14-MAR-1996
ATTORNEY/AGENT INFORMATION:
NUMBER: USSN 08/616,081
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Sequence 30, Application US/08703675C

Parent No. 6303567

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Modulators of -Amyloid Peptide
NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 29; DB 2; I
100.0%; Pred. No. 4.1e+05;
               APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-0CT-1995
ATTORNEY, AGENT INFORMATION:
NAME: DECORIE, GIULIO A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP3
TELEPHONE: (617)742-4214
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 aming acids
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REGISTRATION NUMBER: 41,106
REFERENCE/DOCKET NUMBER: PPI-016CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC COMPAtible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100..
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STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-612-785B-7
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US-08-703-675C-30
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US-09-747-408-19
is Sequence 19, Application US/09747408
is Remain No. 6670399
is GENERAL INFORMATION:
i APPLICANT: Geren, Allan M.
i APPLICANT: Geren, Allan M.
i TITLE OF INVENTION: Compounds And Methods For Modulating
i TITLE OF INVENTION: Cerebral Amyloid Angiopathy
i FILE REPERBENCE: NUMBER: US/09/747,408
i CURRENT FILING DATE: 2000-12-22
i PRIOR FILING DATE: 1999-12-23
i NUMBER OF SEQ ID NOS: 24
i SOTWARE: FastSEQ for Windows Version 4.0
                                                                                                                          100.0%; Score 29; DB 4; Length 7; 100.0%; Pred. No. 4.1e+05; iive 0; Mismatches 0; Indels
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100.0%; Pred. No. 4.1e+05;
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TITLE OF INVENTION: Method For
TITLE OF INVENTION: Antagonizing Amnestic
TITLE OF INVENTION: Effects of Amyloid n
TITLE OF INVENTION: Protein and Improving
TITLE OF INVENTION: the Quality of Life
TITLE OF INVENTION: in Individuals
TITLE OF INVENTION: with Alzheimer Disease
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: United States of America
ZIP: '91010-0269
COMPUTER READBLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4"
MEDIUM TYPE: diskette
COMPUTER: Wang PC
OPERATING SYSTEM: MS DOS Version 3.20
SOFTWARE: Microsoft
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: California
COUNTRY: United States of America
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                                                                                                                            Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6; Conservative
                      ; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-747-408-18
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; ORGANISM: Homo sapiens
US-09-747-408-19
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Best Local Similarity
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1 KLVFFA 6
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  SEQ ID NO 18
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           APPLICANT: Roberts, Eugene
TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and
TITLE OF INVENTION: Improve the Quality of Life
FILE REPERBNCE: 2124.310
CURRENT APPLICATION NUMBER: US/09/264,709A
CURRENT APPLICATION NUMBER: 1999-03-09
PRIOR APPLICATION NUMBER: 08/797,782
PRIOR FILING DATE: 1997-02-07
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.1
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APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methode For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FASTSEQ for Windows Version 4.0
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Fatent No. 6670399
GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR PILICATION NUMBER: 60/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEC ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 29; DB 3; Length 7; 100.0%; Pred. No. 4.1e+05;
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Patent No. 6670399
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Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
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2 KLVFFA 7
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GENERAL INFORMATION:
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US-09-747-408-2
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LENGTH: 7
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Length 8;

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100.0%; Score 29; DB 2; I
100.0%; Pred. No. 4.1e+05;
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 100.
Matches 6; Conservative
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                          SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                            6; Conservative
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STRANDEDNESS: single
INFORMATION FOR SEQ ID NO:
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                                                                                                   ; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-612-785B-5
                                                                                 amino acid
                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 6; Conserv
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STATE: D.C.
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US-08-630-645-1
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SEQUENCE TIONED TOWNED TOWN
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                                                                           PRIOR APPLICATION DATA: U. S. Application PRIOR APPLICATION DATA: Serial No. PRIOR APPLICATION DATA: Serial No. PRIOR APPLICATION DATA: 08/127,904; filed PRIOR APPLICATION DATA: 29 September 1993 ATTORNEY/AGENT INFORMATION: NAME: Irone, Edward S. REGISTRATION NUMBER: 16,541 REFERENCE/DOCKET NUMBER: 16,541 TELEPHONE: (202) 626-3564 or 783-6030 TELEPRAS: (202) 783-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
     APPLICATION NUMBER: PCT/US94/10475
FILING DATE: 16 September 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                14:
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(617)742-4214
                                                                                                                                                                                                                                                                                                                                                                      TELEX: None
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6; Conservative
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PCT-US94-10475-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Amino Acid
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Best Local Similarity
Matches 6; Conserv
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1 KLVFFA 6
                                        FILING DATE: 1
CLASSIFICATION:
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Sequence 1, Application US/08630645

Sequence 1, Application US/08630645

Patent No. 5948763

GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, MARC
APPLICANT: BAUMANN, MARC
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID-LIKE DEPOSITS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESS: ADDRESSEE: ADDRE
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,645
FILING DATE:
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
ATTORNEY/AGENT INFORMATION:
NAME: VUN, Allen C.
REGISTRATION NUMBER: 37,971
REGISTRATION NUMBER: 37,971
REGISTRATION NUMBER: 37,971
REGISTRATION NUMBER: 37,971
            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
"WEDITTER: IBM PC compatible
"""" PC compatible
""" PC compatible
""" PC compatible
""" PC compatible
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RESULT 19
US-09-095-106A-44

j Sequence 44, Application US/09095106A

j Patent No. 6331440

j GENERAL INFORMATION:
    APPLICANT: NORSOTEDT, Christer
    APPLICANT: NORSOTEDT, Chars
    APPLICANT: TUBRUBERG, Johan
    APPLICANT: TUBRUBERG, Lars O.
    APPLICANT: TERBRIUS, Lars
    TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
    FILE REFERENCE: 000500-124

    CURRENT APPLICATION NUMBER: US 60/009,386
    PRIOR APPLICATION NUMBER: US 60/009,386
    PRIOR FILING DATE: 1998-06-10
    PRIOR PLILNG DATE: 1998-12-29
    PRIOR FILING DATE: 1998-12-29
    NUMBER OF SEQ ID NOS: 44
    SOFTWARE: Patentin Ver. 2.0
    SEQ ID NOS: 44
    TENNAME: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 29; DB 3; Length 8; 100.0%; Pred. No. 4.18+05;
                    COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER E: Ploppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: BE PC compatible

COMPUTER: STATEM: PC-DOS/MS-DOS

SOGTWARE: DEACHTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/617,267C

FILING DATE: 14-MAR-1996

FILING DATE: 14-MAR-1995

FILING DATE: 14-MAR-1995

FILING DATE: 07-UN-1995

FILING DATE: 07-UN-1995

FILING DATE: 07-UN-1995

FILING DATE: 27-CT-1995

ATTORNEY/AGENT INFORMATION:

NAME: DECONTI, GIULIO A.

REGISTRATION NUMBER: 31,503

REFERENCE/COMPUTION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (617,227-5941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Amyloidosis
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; Sequence 5, Application US/08617267C
; Patent No. 6319498
; GENERAL INFORMATION:
; APPLICANT: Findeis, Mark A. et al.
; TITLE OF INVENTION: Modulators of Amyloid Aggregation
; TITLE OF INVENTION: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 8;
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                                                                                                                                                                                                                                                                                        STATE: Mac. COUNTRY: USA
COUNTRY: USA
ZIP: 02109-1875
COMPUTER STADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible;
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 27-AUG-1996
                                               Sequence 28, Application US/08703675C
Patent No. 6303567
GENERAL INFORMATION:
APPLICAT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of -Amyloid Peptide
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 29; DB 3; L
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION DATE: 27-AUG-1>>U
FILING DATE: 27-AUG-1>>U
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-WAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
APPLICATION NUMBER: USSN 08/475,579
TIME DATE: 07-UNN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/616,081
FILING DATE: 14-MAR-1996
ATTONNEY/AGENT INFORMATION:
NAME: KARA, CACHALING:
NAME: KARA, CACHALING:
REGISTRATION NUMBER: 41,106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 41,106
REFERENCE/DOCKET NUMBER: PPI-016CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                        STREET: 28 State Stre
CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 KLVFFA 6
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RESULT 17
US-08-703-675C-28
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Sequence 64, Application US/08766596A

Sequence 64, Application US/08766596A

Sequence 64, Application US/08766596A

SETURATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUNANN, MARC
APPLICANT: BAUNANN, MARC
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: DEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                             SUFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US96/10220 PILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 419 SEVENT AND NEIMARK STREET: 419 Seventh Street, N.W., Suite 400 CITY: Washington STATE: D.C. COUNTY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 29; DB 5; 100.0%; Pred. No. 4.1e+0
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
ADDRESSEE: BROWDY AND SIMBARK
CITY: Washington
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRILICATION DATA:

APPLICATION NUMBER: US 08/478,326

FILING DATE: 06-UN-1995

PRIOR APPLICATION NUMBER: US 08/630,645

FILING DATE: 10-APR-1996

ATTORNEY/AGENT INFORMATION:
NAME: BENEWLY, ROGET INMER: 25,618

REGISTRATION NUMBER: 25,618

REGISTRATION NUMBER: 25,618

TELERHONE: 202-628-5197

TELERHONE: 202-737-3528
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                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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                                                                                                                                  CITY: Washingt
STATE: D.C.
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 22
US-08-766-596A-64
                                                                                                                                                                                                                            20004
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                                                                                                                                                                                                                                                                                                                          APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: PEPTIOES AND PHARMACEUTICAL
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
CITY: Washington
STATE: D.C.
COUNTRY: U.SA
ZIP: 20004
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATIBLE
COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMP
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REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SCTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-328
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino_acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNDER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UNN-1995
ATTORNEY AGENT INFORMATION:
NAME: YUN, Allen C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application PC/TUS9610220
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: PEPTIDES AND I
TITLE OF INVENTION: THEREOF FOR TE
                                                                                                                                                                                                                                      Sequence 1, Application US/08766596A
Patent No. 6462171
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Best Local Similarity 100.
Matches 6, Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                              KLVFFA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
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                                                                                                                                                                                           RESULT 20
US-08-766-596A-1
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us-us-vz-tz4-sb1-z0
; Sequence 20, Application US/09724961
; Patent No. 674427
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Schenk, Ted
; APPLICANT: Vagouez, Nicki
; APPLICANT: Vadouck, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; TITLE OF INVENTION: Prevention
; TITLE OF INVENTION: Prevention
; TITLE OF INVENTION: Prevention
; CURRENT APPLICATION NUMBER: US/09/724,961
; CURRENT FILING DATE: 2000-05-26
; PRIOR FILING DATE: 1999-05-28
; PRIOR FILING DATE: 1999-05-28
; PRIOR FILING DATE: 1999-05-28
; PRIOR FILING DATE: 1998-11-30
; PRIOR FILING DATE: 1997-12-02
; NUMBER: PALENTION NUMBER: US 60/067,740
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PALENTIN VUMBER: US 60/067,740
; FRIOR FILING DATE: 1997-12-02
; NUMBER: PALENTIN NUMBER: US 60/067,740
; PRIOR FILING DATE: 1997-12-02
; NUMBER: PALENTIN VUMBER: US 60/067,740
; PRIOR FILING DATE: 1997-12-02
; NUMBER: PALENTIN VUMBER: US 60/067,740
; FRIOR FILING DATE: 1997-12-02
; NUMBER: PALENTIN VUMBER: US 60/067,740
; FRIOR FILING DATE: 1997-12-02
; NUMBER: PALENTIN VUMBER: US 60/067,740
; FRIOR FILING DATE: 1997-12-02
; NUMBER: PALENTIN VUMBER: US 60/067,740
; FRIOR FILING DATE: 1997-12-02
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        ADDRESSEE: Quarles & Brady
STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC COMpatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,833
FLING DATE:
CLASSTATE:
                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Baker, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 960296.94291
TELECOMMUNICATION INFORMATION:
TELEFAX: (414) 277-5709
TELEFAX: (414) 277-5709
INFORMATION FOR SEQ ID NO: 3:
LENGTH: 10 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
     NUMBER OF SEQUENCES: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: peptide US-08-970-833-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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Fatent No. 6670399
GENERAL INFORMATION:
APPLICANT: Green, Allan M.
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT APPLICATION NUMBER: 60/171,877
PRIOR PAPLICATION UNMBER: 60/171,877
PRIOR PAPLICATION UNMBER: 60/171,877
NUMBER OF SEQ ID NOS: 24
SOCTION OF SEQ ID NOS: 24
SOCTION OF SEQ ID NOS: 24
SEQ ID NO 20
LENGTH: 9
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Patent No. 6022859
GENERAL INFORMATION:
APPLICANT: Kiessling, Laura L.
APPLICANT: Murphy, Regina M.
TITLE OF INVENTION: INHIBITORS OF BETA-AMYLOID TOXICITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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100.0%; Pred. No. 4.1e+05;
                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/ACENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELEPHONE: 202-628-5197
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 202-737-35c
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
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Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-766-596A-64
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 6; Conserv
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US-08-970-833-3
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Sequence 21, Application US/09724961

Patent No. 6743427

GENERAL INFORMATION:

APPLICANT: Bard, Frederique

APPLICANT: Wasquez, Nicki

APPLICANT: Vendock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TITLE OF INVENTION: Prevention

FILE REFERENCE: 15270J-004750UC

CURRENT APPLICATION NUMBER: US/09/724,961

CURRENT APPLICATION NUMBER: US 09/580,015

PRIOR PILING DATE: 2000-05-26

PRIOR FILING DATE: 1999-05-28

PRIOR FILING DATE: 1998-11-30

PRIOR FILING DATE: 1998-11-30
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Sequence 22, Application US/09724961
Patent No. 6743427
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REPERENCE: 15270J-004750UC
CURRENT APPLICATION NUMBER: US/09/724,961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-09-724-961-21
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-09-724-961-20
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Best Local Similarity. 100.0%; Pred. No. 1.9;
Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                   Query Match
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                               5 KLVFFA 10
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4 KLVFFA 9
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US-09-724-961-22
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Sequence 23. Application US/09724961

| Sequence 23. Application US/09724961
| Patent No. 6743427
| Patent No. 6743427
| GENERAL INFORMATION:
| APPLICANT: Schenk, Dale B. APPLICANT: Vadquez, Nicki
| PRIOR PILING DATE: 12000-01-26
| PRIOR PILING DATE: 1299-11-30
| PRIOR PILING DATE: 1998-11-30
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US-09-724-961-23
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Pred. No. 1.9;
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CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 09/580,015
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1999-13-30
PRIOR FILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
PRIOR FILING DATE: 1999-12-02
NUMBER OF SEQ ID NOS: 77
SEQ ID NOS: 77
SEQ ID NO 22
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 23
LENGTH: 10
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Best Local Similarity
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Best Local Similarity
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Sequence 21, Application US/09580018
| Patent No. 6761888 |
| GENERAL INFORMATION: |
| APPLICANT: Schenk, Dale B. |
| APPLICANT: Bard, Frederique |
| APPLICANT: Bard, Frederique |
| APPLICANT: Bard, Frederique |
| APPLICANT: Pednock, Ted |
| TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease |
| TITLE OF INVENTION: Prevention und Treatment of Amyloidogenic Disease |
| TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease |
| TITLE OF INVENTION NUMBER: US 09/9580,018 |
| CURRENT PILING DATE: 1999-05-28 |
| PRIOR FILING DATE: 1999-05-28 |
| NUMBER OF SEQ ID NOS: 77 |
| SOFTWARE: PatentIn Ver: 2.1
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Patent No. 676188
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152701-004760US
CURRENT APPLICATION NUMBER: US/09/580,018
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
                             OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
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100.0%; Pred. No. 1.9;
tive 0; Mismatches
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ORGANISM: Artificial Sequence
FEATURE:
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 10
                                                                                                                                                                                                   Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity
Matches 6; Conserv
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4 KLVFFA 9
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                                                                                           ; ОТНЕК INFORM!
US-09-580-018-20
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US-09-580-018-21
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US-09-580-018-22
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LENGTH: 10
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                                                                                                                                                                                                                                                                                                                             APPLICANT: Schenk, Daie B.
APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REPRENCE: 152700-004750U
CURRENT FILING DATE: 1000-11-28
PRIOR APPLICATION NUMBER: US 09/580,015
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 1999-05-28
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR PILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
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US-09-580-018-20
; Sequence 20, Application US/09580018
; Patent No. 676188
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; TILE REFERENCE: 15-004760US
; CURRENT APPLICATION WUMBER: US/09/580,018
; CURRENT FILING DATE: 2000-05-26
; RIOR FILING DATE: 1999-06-28
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 10
     Gaps
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  Indels
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Mismatches
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Patent No. 6743427
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
6; Conservative
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Best Local Similarity
Matches 6; Conserv
                                                        1 KLVFFA 6
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LENGTH: 10
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Matches
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Gaps

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6; Conservative
Query Match
Best Local Similarity
Matches 6; Conservat
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                                                                                1 KLVFFA 6
                                                            1 KLVFFA 6
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US-09-724-551-21
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US-09-724-551-20
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Sequence 24, Application US/09580018

Patent No. 6761888

GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Sednock, Ted
APPLICANT: Yednock, Ted
APPLICANT: Yednock, Ted
APPLICANT: Schonk, Dale B.
APPLICANT: Yednock, Ted
APPLICANT: Word NUMBER: US/09/580,018
CURRENT PILING DATE: 2000-05-26
PRIOR PELING DATE: 1999-05-28
PRIOR FILING DATE: 1999-05-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
CTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
CTHER INFORMATION: peptide)
US-09-580-018-24
                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
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                                                   DB 4; Length 10;
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                                                                                  0; Indels
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                                                    100.0%; Score 29; DB
100.0%; Pred. No. 1.9
:ive 0; Mismatches
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ORGANISM: Artificial Sequence
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 10
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Best Local Similarity 100.0
Matches 6; Conservative
          ; OTHER INFORMATION: peptide)
US-09-580-018-22
                                                        Query Match
Best Local Similarity 100.0
Matches 6; Conservative
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US-09-580-018-24
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US-09-580-018-23
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RESULT 35

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1 KLVFFA 6
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US-09-724-551-23
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Fatent No. 6787637
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Pedorck, Ted
TTILE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
CURRENT APPLICATION WUMBER: US/09/724,551
CURRENT FILING DATE: 2000-11-28
FRIOR FILING DATE: 2000-10-26
FRIOR APPLICATION WUMBER: US/09/580,018
FRIOR FILING DATE: 1999-6-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 23
LENGTH: 10
                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Fanck, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152700-004760US
CURRENT APPLICATION NUMBER: US/09/724,551
CURRENT FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 10
                                                               Gaps
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GTHER INFORMATION: Description of Artificial Sequence:10-mer peptide

OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid

OTHER INFORMATION: peptide)
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             Query Match
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 6; Conservative 0; Mismatches 0; Indels
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Patent No. 6787637
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Best Local Similarity 100.
Matches 6; Conservative
                                                                                                      1 KLVFFA 6
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3 KLVFFA 8
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Sequence 14, Application US/08630645

Patent No. 5948763

GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: FANGIONE, BLas
TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
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                                                                                                                                                                                                                   RESULT 39
US-09-724-551-24
; Sequence 24, Application US/09724551
; Patent No. 6787637
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Schenk, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; TITLE REFERENCE: 15270J-004760US
; CURRENT APPLICATION NUMBER: US/09/580,018
; PRIOR FILING DATE: 2000-11-28
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
100.0%; Score 29; DB 4
100.0%; Pred. No. 1.9;
ive 0; Mismatches
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
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Sequence 9, Application US/0998842

GENERAL INFORMATION:
APPLICANT: Obtansson, Jan
TITLE OF INVENTION: DEAVLOID FORMATION
CURRENT APPLICATION NUMBER: US/09/988,842
CURRENT APPLICATION NUMBER: US/09/988,842

CURRENT APPLICATION NUMBER: US 60/251,662
PRIOR APPLICATION NUMBER: US 60/251,662
PRIOR APPLICATION NUMBER: US 60/253,695

PRIOR APPLICATION NUMBER: US 60/253,695

PRIOR APPLICATION NUMBER: US 60/253,695

SEQ.ID NOS: 26

NUMBER OF SEQ ID NOS: 26

SEQ.ID NO 9

SEQ.ID NO 9

FEACH.
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GENERAL INPORMATION:

APPLICANT: JOHANSSON, JAN

TITLE OF INVENTION: DISCORDANT HELLX STABILIZATION FOR PREVENTION

TITLE OF INVENTION: DO AMYLOID FORMATION

FILE REFERENCE: 12125-002001

CURRENT PAPLICATION NUMBER: US/09/988,842

CURRENT FILING DATE: 2001-11-19

PRIOR APPLICATION NUMBER: US 60/251,662

PRIOR APPLICATION NUMBER: US 60/251,695
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                                                                                                                                                                                                                          DB 4; Length 11;
2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Pred. No. 2;
0; Mismatches
                                                                                                                                                                                                                                                                             0; Mismatches
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SOFTWARE: FaetSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 11
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Similarity 100.0%; Pred. No. 6; Conservative 0; Mismatch
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US-09-988-842-25
Sequence 25, Application US/0998842
; Patent No. 6716589
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ORGANISM: Artificial Sequence
     14:
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Best Local Similarity 100.
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
TYPE: amino acids
TYPE: amino acids
STRANDEDNESS: single
                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: peptide US-08-766-596A-14
                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 6; Conserv
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Sequence 14, Application US/08766596A
Patent No. 6462171
GENERAL INFORMATION:
APPLICANT: SOTO-JRA, Claudio
APPLICANT: BAUGANN, Marc
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TERATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID LIKE
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID LIKE
TITLE OF DINVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID LIKE
TITLE OF DINVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID LIKE
TITLE OF DINVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID LIKE
TITLE OF DINVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID LIKE
THE OF DINVENTION: DEPOSITS
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100.0%; Score 29; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 2;
Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 10-AFR-1996
FILING DATE: 10-AFR-1996
FILING DATE: 06-JUN-1995
ATPOREV/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
RESPERENCE/DOKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
               APPLICALLC.
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UN-1995
ATTORNEY AGENT INFORMATION:
NAME: YON, Allen C.
REGISTRATION NUMBER: 37,971
REFRENCE/DOCKET NUMBER: SOTO-JARA
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHONE: 202-737-3528
                                                                                                                                                                                                                                                  SOTO-JARA=1
                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-630-645-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         202-737-3528
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US-08-766-596A-14
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TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO FILE REFERENCE: BBRI-2004
CURRENT APPLICATION NUMBER: US/09/594,366
CURRENT FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/139,408
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 7
SEQ ID NOS: 7
SEQ ID NO 5
LENGTH: 14
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US-08-612-785B-14
Sequence 14, Application US/08612785B
Sequence 14. Patent No. 5854204
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
TITLE OF SECTION: Aggregation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: TBM PC compatible
COMPUTER: TBM PC compatible
COMPUTER: TBM PC COMPONEN
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: He-rewith
CLASSIFICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR.1995
FILING DATE: 07-JUN.1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 29; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: Boston
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (617)742-4214
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Best Local Similarity 10v.
6; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Massachusetts
: USA
                                                                                                                                                                                                                                                                                                     TYPE: PRT
CORGANISM: Homo sapiens
US-09-594-366-5
        APPLICANT: Raso, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
3Y: linear
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THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
WITH PROTEIN POLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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                                                                                                                Length 11;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10220
                            ; OTHER INFORMATION: Synthetically generated peptide US-09-988-842-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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                                                                                                              100.0%; Score 29; DB 4; 100.0%; Pred. No. 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 419 Seventh Street, N.W., Suite 400 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, ROGET L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: SOTO-JARA=1 PCT
TELECOMMUNICATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 14, Application PC/TUS9610220 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 2000H
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DC
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US-09-594-366-5
Sequence 5, Application US/09594366
Patent No. 6582945
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BROWDY AND NEIMARK
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                                                                                                        Query Match
Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
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TITLE OF INVENTION: THEI
TITLE OF INVENTION: WITH
UNDER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
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USA
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COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT
FEATURE:
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100.0%; Score 29; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.8;
Matches 6; Conservative 0; Mismatches 0; Indels
              100.0%; Score 29; DB 2; Length 15; 100.0%; Pred. No. 2.8; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                               Sequence 37, Application US/08612785B
Patent No. 5854204
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
APPLICANTON: PA Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER: USA
ZIP: 02109-1875
COMPUTER: ENDABLE FORM:
MEDIUM TYPE: ENDABLE FORM:
COMPUTER: IEM PC compatible
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herwith
CLASSIFICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
FILING DATE: 07-UN-1995
FILING DATE: 07-UN-1995
FILING DATE: 37-OCT-1995
FRILNG DATA: MARE: 13-007-1995
FRIEDRALICATION NUMBER: PPI-002CP3
TELEFRATION NUMBER: PPI-002CP3
TELEFRATION FOR SEQ 1D NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: LS AMINO ACCIDERATICS:
Query Match
Best Local Similarity luv.
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FRAGMENT TYPE: internal
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, MATC
APPLICANT: BAUMANN, MATC
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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0
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
APPLICANT: Findeis, Mack A. et al.
NUMBER OF INVENTION:
ADDRESSE:
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: BOSTON
ZIP: 02109-1875
COMPUTER: EAABALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: EL BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIN Release #1.0, Version #1.25
COMPUTER: BM PC compatible
OPERATING SYSTEM: US/08/617,267C
FILING DATE: 14-MR-1996
FRIOR APPLICATION DATE:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MR-1995
FRIOR APPLICATION DATE:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 14-MR-1995
FRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 07-CT-1995
ATTONEY/AGENT INFORMATION:
NAME: DECONTY, GIULIO A.
REGISTRATION NUMBER: B1,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
TELEROMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 3; Length 15;
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STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.0%; Pred. No. 2
Matches 6; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-766-596A-56
; Sequence 56, Application US/08766596A
; Patent No. 6462171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
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ZIP: 200
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RESULT 48 US-08-617-267C-14 'Sequence 14, Application US/08617267C 'Patent No. 6319498

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us-10-009-122-3.rai

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100.0%; Score 29; DB 4; Length 15; 100.0%; Pred. No. 2.8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                              REGISTRATION NUMBER: 37,971
REGISTRATION NUMBER: 37,971
REPERRENCE/DOCKET NUMBER: SOTO-JARA=1A
TELEPOMMUNICATION INFORMATION:
TELEPAK: 202-628-5197
TELEPAK: 202-737-3528
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Search completed: March 9, 2005, 06:42:59 Job time : 16.0274 secs
  US 08/478,326
                       FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.00
                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-766-596A-57
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 KLVFFA 6
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| Sequence 57, Application US/08766596A
| Patent No. 6462171
| GENERAL INFORMATION:
| APPLICANT: SOTO-JARA, Claudio APPLICANT: PRANGIONE, Blas
| TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL TITLE OF INVENTION: DEPOSITS AND THE PROTEIN FOLDING INTO AMYLOID OR STREET: 419 Seventh Street, N.W., Suite 400
| CITTY: Washington STREET: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                    COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTMARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
FILING DATE:
CLASSIFICATION NUMBER: US 08/630,645
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTEX: USA
ZIP: 2004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
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                                                                                                                                                                                                                                                                                                                                                                                                NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMMULICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHONE: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 202-737-555.
INFORMATION FOR SEQ ID NO: 56: SEQUENCE CHARACTERISTICS: TENGTH: 15 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match 100.
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide
COMPUTER READABLE FORM:
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5 KLVFFA 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-766-596A-56
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US-08-766-596A-57
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5.1.6	Compugen Ltd.
version	- 2005
GenCore	(c) 1993 - 2005
	Copyright

OM protein - protein search, using sw model

March 9, 2005, 06:11:36; Search time 16.0274 Seconds (without alignments) 27.946 Million cell updates/sec Run on:

US-10-009-122-4 Title: Perfect score:

1 KFVFFA 6 Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

513545 segs, 74649064 residues Searched:

513545 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries

Database :

Issued Patents AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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ಕ್ಷ	Ĕ	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	. Sequence	Sequence	Sequence	Seguence	Sequence	eđn	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence
-08-448-489-1	-09-211-/04A	-09-521-220-	ų.	US-09-919-497-84	-689-	-09-270-767-3709	-09-270-767-52	8	-09-270-767-607	-09-621-976-673	-09-205-258-30	-09-627-376-1	-10-047-6	-09-270-767-4524	-09-270-767-3	-09-270-767-5060	-09-251-64	-09-270-767-3346	-09-270-767-4868	-09-270-767-3818	-09-270-767-534	-09-248-796A-271	-09-830-91	-09-248-796A-153	-09-270-767-41	-09-270-767-5658	-09-252-991A-252	-09-902-540-1130	-09-602-787A-4	-09-489-039A-895	-09-252-991A-17	-09-489-039A-8303	-09-252-991A-289	-09-540-236-2206	9-489-039A-118	-09-252-991A-2256	US-09-902-540-10275
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582	282	582	582	582	582	45	45	61	84	104	111	118	118	156	177	177	186	201	201	249	249	249	310	328	394	394	402	ч	426	3	4	S	σ	S	7	597	4
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28												40		42		44		46			4																

ALIGNMENTS

Gaps ö Sequence 4, Application US/09747408

Sequence 4, Application US/09747408

Patent No. 6670399

GENERAL INFORMATION:
APPLICANT: Green, Allan M.
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088

CURRENT FILING DATE: 2000-12-22

PRIOR PILING DATE: 1999-12-23

NUMBER OF SEQ ID NOS: 24

SOFTWARE: PastSEQ for Windows Version 4.0

SEQ ID NO SEQ ID NOS: 24 Length 6; Indels 100.0%; Score 31; DB 4; L nilarity 100.0%; Pred. No. 4.1e+05; Conservative 0; Mismatches 0; Homo sapiens Query Match Best Local Similarity Matches 6; Conserv ; ORGANISM: He US-09-747-408-4

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Francisco STATE: California
                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/088,998
FILING DATE: 07-JUL-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/329,603
FILING DATE: 26-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Barelian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 12176-004300
TELLECOMMUNICATION INFORMATION:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/09362633
Sedent No. 6184355
GENERAL INFORMATION:
APPLICANT: JAMES, Douglas W.
APPLICANT: LIM, Eda
APPLICANT: DOONER, Hugo K.
TILLE OF INVENTION: FABI GENES AND THEIR USES
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Cr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patentin Release #1.0, Version #1.30
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Palana
                                                                                                ZIP: 94105-1493
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (415) 543-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 506 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide
                                                              CITY: San Francisco
STATE: California
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 1.506
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: Protein
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356 KFLFFA 361
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TITLE OF INVENTION:
TITLE OF INVENTION: NOCIEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: NOTE DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-13
PRIOR PELLING DATE: 1998-02-13
PRIOR PELLING DATE: 1998-02-13
PRIOR PELLING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 18091
LENGTH: 1283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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83.3%; Pred. No. 4.4e+02;
tive 1; Mismatches 0; Indels
                                  Sequence 12, Application US/09747408

Patent No. 6670399

GENERAL INFORMATION:
APPLICANT: Green, Allan M.
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: US/09/747,408

CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 05/171,877

PRIOR PLILING DATE: 1999-12-23

NUMBER OF SEQ ID NOS: 24

SOFTWARE: FREESEQ for Windows Version 4.0

SEQ ID NO 12

LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 31; DB 4; 1 100.0%; Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: JAMES, Douglas W.
APPLICANT: LIM, Eda
APPLICANT: KELLER, Janis
APPLICANT: KELLER, Janis
APPLICANT: DOONER, Hugo K.
TITLE OF INVENTION: FAEI GENES AND THEIR USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 18091, Application US/09248796A Patent No. 6747137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/08888998
Patent No. 6124524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT , ORGANISM: Candida albicans US-09-248-796A-18091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
CRGANISM: Homo sapiens
US-09-747-408-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 KFVFFA 6
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1 KFVFFA 6
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                             US-09-747-408-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-888-998-2
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PEATURE: OTHER INFORMATION: 5' 176 amino acids from B. napus elongase KCS (SEQ OTHER INFORMATION: ID NO:4) and 3' 330 amino acids from A. thaliana OTHER INFORMATION: FAEI (SEQ ID NO:2); designated Bn176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 5' 399 amino acids from A. thaliana FAEI (SEQ ID OTHER INFORMATION: No.2) and 3' 107 amino acids from B. napus OTHER INFORMATION: elongase KCS (SEQ ID NO.4); designated At399 LOCATION: (0)...(0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 28; DB 4; Length 506;
Pred. No. 4.6e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 506;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 30, Application US/09877476

Patent No. 6713664

GENERAL INFORMATION

APPLICANT: Javorski, Jan G.

APPLICANT: Blacklock, Brenda J.

TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA

TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA

TITLE OF INVENTION: SYMTHASE POLYPEPTIDES

FILE REFERENCE: 07148-108001

CURRENT APPLICATION NUMBER: US 60/210,326

PRIOR FILING DATE: 2001-06-08

NUMBER: OF SEQ ID NOS: 56

SOSTWARE: FRASERO for Windows Version 4.0
                          APPLICANT: Blacklock, Brenda J.
TITLE OF INVENTION: PATTY ACID ELONGASE 3-KETOACYL COATITLE OF INVENTION: PATTY ACID ELONGASE 3-KETOACYL COATITLE OF INVENTION: SWITHASE POLYPEPTIDES
FILE REFERENCE: 07148-108001
CURRENT APPLICATION NUMBER: US/09/877,476
CURRENT PILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US/0/210,326
PRIOR FILING DATE: 2000-06-08
PRIOR FILING DATE: 2000-06-08
SOFTWARE: PATCHES OF WINDOWS Version 4.0
SEQ ID NO 28
LENGTH: 506
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 90.3%; Score 28; DB 4; Le
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 5; Conservative 1; Mismatches 0;
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; OTHER INFORMATION: Xaa = Pro or Gln US-09-877-476-30
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US-09-877-476-36
Sequence 36, Application US/09877476
Patent No. 6713664
GENERAL INFORMATION:
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LENGTH: 506
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 83.3%;
Matches 5; Conservative 1
          APPLICANT: Jaworski, Jan G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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356 KFLFFA 361
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               90.3%; Score 28; DB 3; Length 506; 83.3%; Pred. No. 4.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:

NAME/KEY: Protein

LOCATION: 1..506

OTHER INFORMATION: /note= "Amino acid sequence of FAE1

OTHER INFORMATION: protein."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
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Sequence 2, Application US/09877476

Fatent No. 6713664

Fatent No. 6713664

FATENCEMPAINTION:
APPLICANT: Jaworski, Jan G.
APPLICANT: Blacklock, Brenda J.
CURRENT FILLE OF INVENTION: SYNTHASE POLYPEPTIDES

FILE REFERENCE: 07148-108001

CURRENT FILLING DATE: 2001-06-08

PRIOR FILLING DATE: 2000-06-08

NUMBER OF SEQ ID NOS: 56

SEQ ID NO 2

LENGTH: 506
                                                                                                                                            FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: BAREIAN, Kevin L.
NAME: BAREIAN, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 12176-004300
TELEPHONE: (415) 543-9600
TELEPHONE: (415) 543-9600
TELEPHONE: (415) 543-5043
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE GLARACTERISTICS:
LENGTH: 506 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Mismatches
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/362,633
FILING DATE:
CLASTECATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/888,998
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Sequence 28, Application US/09877476
Patent No. 6713664
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: not relevant TOPOLOGY: not relevant MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Arabidopsis thaliana US-09-877-476-2
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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356 KFLFFA 361
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RESULT 7

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Sequence 40694, Application US/09270767

Parent No. = 7073491

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Mucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: FILE REFERENCE: FILE REFERENCE: FILE REFERENCE: FILE REFERENCE: FILE REFERENCE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 40694

LENGTH: 98
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Patent No. 6703491

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster;

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT PILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOSTWARE: PATENTIN Ver. 2.0
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87.1%; Score 27; DB 4; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 1.7e+02;
iive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-40694
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 4659
LENGTH: 82
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ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100...
5, Conservative
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Best Local Similarity 100..
                                                                                                                                                                                              ORGANISM: Homo sapiens
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US-09-270-767-55910
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LENGTH: 98
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APPLICANT: Keith Weinstock et al
APPLICANTON: UNCLEIC AND THERAPEUTICS
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-08-13
RUMBER OF SEQ ID NOS: 28208
SEQ ID NO 26311
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Patent No. 6783961
GENERAL INFORMATION:
APPLICANT: Dumas Mine Edwards, J.B.
APPLICANT: Glordano, J.Y.
APPLICANT: Glordano, J.Y.
APPLICANT: Glordano, J.Y.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                 ) OTHER INFORMATION: 506 amino acids from A. thaliana FAE1 (SEQ ID ) OTHER INFORMATION: NO:2) having a mutation at residue 92; designated ; OTHER INFORMATION: At K92R; hypothetical US-09-877-476-36
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87.1%; Score 27; DB 4; Length 67;
Best Local Similarity 66.7%; Pred. No. 1.2e+02;
Matches 4; Conservative 2; Mismatches 0; Indels
                          APPLICANT: BLECKLOCK, Brenda J.
TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA
TITLE OF INVENTION: SYNTHASE POLYPEPTIDES
FILE REFERENCE: 07148-108001
CURRENT APPLICATION NUMBER: US/09/877,476
CURRENT APPLICATION NUMBER: US/09/877,476
PRIOR APPLICATION NUMBER: US/09/877,476
PRIOR PILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 56
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 506
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                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
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            APPLICANT: Jaworski, Jan G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 83.3
Matches 5; Conservative
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356 KFLFFA 361
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16 KFIFYA 21
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US-09-513-999C-4859
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US-09-134-001C-5445

US-09-134-001C-5445

Sequence 5445, Application US/09134001C

Sequence 5445, Application US/09134001C

Sequence 5445, Application US/09134001C

GENERAL INFORMATION:

TITLE OF INVENTION: WIGHEL ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS

TITLE OF INVENTION: BPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERENCE: GTC-007

CURRENT APPLICATION NUMBER: US 60/064,964

PRIOR FILING DATE: 1997-11-08

PRIOR PELLING DATE: 1997-11-08

PRIOR FILING DATE: 1997-08-14

NUMBER OF SEQ ID NOS: 5674

SEQ ID NO 5445
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US-09-270-767-42516

Sequence 42516, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:

TITLE OF INVENTION:

TITLE OF INVENTION:

VURRENT APPLICATION NUMBER: US/09/270,767

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 42516

LENGTH: 266
APPLICANT: Hinkle, Gregory J.
APPLICANT: Steven C.
APPLICANT: Steven C.
APPLICANT: Alegand, Moveoccus xanthus Genome Sequences and Uses Thereof TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10 (15849) B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 10859
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Pred. No. 3.7e+02;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                  87.1%; Scor. No. 3.100.0%; Pred. No. 3.100.0%; Pred. No. 3.100.0%; Mismatches
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; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-5445
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ORGANISM: Drosophila melanogaster
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                                                                                                                                                                                                                                                                                            ) ORGANISM: Myxococcus xanthus US-09-902-540-10859
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Best Local Similarity 83.3.
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                                                                                                                                                                                         APPLICANT: Bristol.Myers Squibb Company
APPLICANT: Roberts, Susan
APPLICANT: Roberts, Susan
APPLICANT: Pak, Roger
APPLICANT: Baith David
APPLICANT: Smith, David
APPLICANT: Hendrick, Joseph
APPLICANT: Hendrick, Joseph
APPLICANT: Hendrick, Alexander
TITLE OF INVENTION: ISOLATION OF FUNCTIONALLY ACTIVE GAWMA-SECRETASE PROTEIN COMPLEX
TITLE OF INVENTION: BOLDATION OF ACTIVITY AND INHIBITORS THEREOF
FILE REFERENCE: D0004
CURRENT APPLICATION NUMBER: US/09/823,153
CURRENT APPLICATION NUMBER: 2001-07-02
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.0
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APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62217
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 57813
LENGTH: 116
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 27; DB 4; Length 104
Pred. No. 1.8e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-57813
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-270-767-57813
; Sequence 57813, Application US/09270767
; Patent No. 6703491
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US-09-902-540-10859
Sequence 10859, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
                                                                                                                               Sequence 4, Application US/09823153
Patent No. 6713248
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               87.18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 87.1
Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Human Beta App
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21 EFVFFA 26
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LENGTH: 104
TYPE: PRT
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; Sequence 34763, Application US/09270767
; Patent No. 6703491;
GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster;
; TITLE OF INVENTION: NUMBER: US/09/270,767
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62217
; SEQ ID NO 34763
; SEQ ID NO 34763
US-09-270-767-55669
US-09-270-767-55669
US-09-270-767-55669
Sequence 55669, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT PILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOUTHARE: PatentIn Ver. 2.0
SEQ ID NO 55669
LENGTH: 340
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Patent No. 6703491

GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster TILE REFERENCE: File Reference: 7326-094
CURRENT APPLICALION NUMBER: US/09/270,767

NUMBER OF SEQ ID NOS: 62517

NUMBER OF SEQ ID NOS: 62517
SEQ ID NO 45548
LENGTH: 475
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100.0%; Pred. No. 6.8e+02;
ive 0; Mismatches 0;
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87.1%; Score 27; DB 4; Sest Local Similarity 66.7%; Pred. No. 5.1e+02; Matches 4; Conservative 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-55669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Xaa means any amino acid US-09-270-767-45548
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ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 87.1
Best Local Similarity 100.
Matches 5, Conservative
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US-09-270-767-34763
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US-09-270-767-45548
                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Keith Weinstock et al APPLICANT: Keith Weinstock et al APPLICANT: Keith Weinstock et al TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
FILE REFERENCE: 107196.132
PRIOR PILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
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APPLICANT Homburger et al.
APPLICANT Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REPERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: U$/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 40453
LENGTH: 340
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66.7%; Pred. No. 5.1e+02;
iive 2; Mismatches 0; Indels
                                                                                                           Query Match
87.1%; Score 27; DB 4; Length 266;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 4.8e+02;
.ive 0; Mismatches 0; Indels
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               ; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-42516
                                                                                                                                                                                                                                                                                                                                                                     US-09-248-796A-19539
; Sequence 19539, Application US/09248796A
; Patent No. 6747137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 40453, Application US/09270767 Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 66.7
Matches 4; Conservative
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US-09-248-796A-19539
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 87.1
Best Local Similarity 100.
Matches 5; Conservative
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310 KYIFFA 315
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US-09-270-767-40453
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Sequence 1, Application US/09521220
Sequence 10. 6399348
GENERAL INFORMATION:
APPLICANT: MILL, Horst
APPLICANT: MILL, HORST
TITLE OF INVENTION: DAN SEQUENCES FOR MATRIX
METALLOPROTEASES, THEIR PRODUCTION AND USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA

ZIP: 20007-5:09

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/521,220
FILING DATE: 08-Mar-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     87.1%; Score 27; DB 3; Length 579;
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ADDRESSE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: GRANADOS, PATTICIA D.
REGISTRATION NUMBER: 33,683
REFERENCE/POCKET NUMBER: 26083/124
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Prec. ...
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APPLICATION NUMBER: 08/704,711
FILING DATE: «Unknown»
APPLICATION NUMBER: DE 4438838.1
FILING DATE: 21-OCT-1994
APPLICATION NUMBER: DE 4409663.1
FILING DATE: 17-MAR-1994
   APPLICATION NUMBER: DE 4438838.1
FILING DATE: 21-0CT-1994
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: DE 4409663.1
FILING DATE: 17-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: GRANADOS, PETICIA D.
REGISTRATION NUMBER: 33,683
TELECOMMUNICATION INFORMATION:
TELECHOMORY (202)672-5399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             21-OCT-1994
17-MAR-1994
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                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 904136
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 579 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               · NUMBER OF SEQUENCES: 22
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Matches 5; Conservative
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TOPOLOGY: linear
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US-09-521-220-1
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US-09-270-767-49980

is Sequence 49980, Application US/09270767

j Sequence 49980, Application US/09270767

j Patent No. 6703491

j GENERAL INFORMATION:

j TITLE OF INVENTION:

j TITLE OF INVENTION:

j CURRENT APPLICATION NUMBER: US/09/270,767

j CURRENT FILING DATE: 1999-03-17

j SOFTWARE: PatentIn Ver. 2.0

j SEQ ID NOS: 62517

j ORCANIES: DATE OF SECOND OF SECO
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APPLICANT: WILL, HOTEL
TITLE OF INVENTION: METALLOPROTEASES, THEIR PRODUCTION AND USE
NUMBER OF SEQUENCES: 22
CORRESPONDENCES: 22
CORRESPONDENCESS: ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
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ZIP: 20007-519

ZIP: 20007-519

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/704,711A
FILING DATE: 20-NOV-1996
CLASSIFICATION 435
FRICR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/DE95/00357
FILING DATE: 17-MAR-1995
                                                             OTHER INFORMATION: Xaa means any amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Xaa means any amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/08704711A Patent No. 6114159
ORGANISM: Drosophila melanogaster FEATURE:
                                                                                                                                                           Query Match
Best Local Similarity 66.7
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                        |::|||
446 KYIFFA 451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |::|||
446 KYIFFA 451
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                                                                                                  US-09-270-767-34763
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US-08-704-711A-1
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Gaps

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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/005,263
FILING DATE: 09-JAN-1998
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: SF0781K
TELECOMMUNICATION INFORMATION:
                                                                                                                                                          US-08-448-489-1; Sequence 1, Application US/08448489; Patent No. 6184022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (650)852-9196
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-448-489-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Palo Alto
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     378 KFVFF 382
                                                  378 KFVFF 382
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
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US-09-211-704A-9
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Sequence 2, Application US/08704711A

Patent No. 6114159

GENERAL INFORMATION:

APPLICANT: WILL, HOTER

APPLICANT: WILL, HOTER

TITLE OF INVENTION: METALLOPROTEASES, THEIR PRODUCTION AND USE

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSES: 3000 K Street, N.W., Suite 500

CITY: Washington

STREET: 0.C.

COUNTRY: USA

COUNTRY: USA

COUNTRY: BEADABLE FORM:

MEDIUM TYPE: Floppy disk

COUNTRY: APPLICATION DATA:

APPLICATION NUMBER: US/08/704,711A

FILING DATE: 20-NOV-1996

CLASSIFTCATION DATA:

APPLICATION NUMBER: WO PCT/DE95/00357

FILING DATE: 17-WAR-1995

RIOR APPLICATION DATA:

APPLICATION NUMBER: DE 4403663.1

FILING DATE: 10-CT-1994

FILING DATE: 11-WAR-1995

RIOR APPLICATION DATA:

APPLICATION NUMBER: DE 4403663.1

FILING DATE: 21-CT-1994

ATTORNEY/ARCHINER: 31-CT-1994

RETERENCE/DOCKET NUMBER: BE 4403663.1

FILING DATE: 17-WAR-1995

REGISTRATION NUMBER: BE 400563.1

FILING DATE: 21-CT-1994

ATTORNEY/ARCHINER: 33-CT-1995

REGISTRATION NUMBER: 32-CT-1994

ATTORNEY/ARCHINER: 33-CT-1995

RESPERSONE/DOCKET NUMBER: 32-CT-1994

ATTORNEY/ARCHINER: 33-CT-1995

REFERENCE/DOCKET NUMBER: 32-CT-1994

ATTORNEY/ARCHINER: 33-CT-1995

REFERENCE/DOCKET NUMBER: 32-CT-1994

TELEFROMMURCATION NUMBER: 32-CT-1994

TELEFROMMURCATION NUMBER: 32-CT-1994

TELEFROMMURCATION NUMBER: 33-CT-1995

TELEFROMMURCATION NUMBER: 33-CT-1995
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8.2e+02;
thes 0; Indels
                                                                                                                                                                                                                                        87.1%; Score 27; DB 3; Length 579;
100.0%; Pred. No. 8.1e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 87.1%; Score 27; DB Best Local Similarity 100.0%; Pred. No. 8.2 Matches 5; Conservative 0; Mismatches
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 579 amino acids
TYPE: amino acid
STRANDEDRESS: single
TOPOLOGY: linear
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 582 amino acids
                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 5; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: linear
US-08-704-711A-2
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US-08-704-711A-2
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GRUERAL INFORMATION:

APPLICANT: SETIXI, Motoharu
APPLICANT: SATO, Hiroshi
APPLICANT: SHINAGAWA, Akira
ATITLE OF INVERMION: NOVEL METALLOPROTEINASE AND ENCODING DNA THEREFOR
FILE REFERENCE: 55-290P
CURRENT APPLICATION NUMBER: US/08/448,489
CURRENT FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGHIS 58.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9, Application US/09211704A
; Sequence 9, Application US/09211704A
; Patent No. 6771014
; GENERAL INFORMATION:
; APPLICANT: Gaux, Christophe
; APPLICANT: Caux, Christophe
; APPLICANT: Lebecque, Serge J.E.
; TITLE OF INVENTION: and Methods
; TITLE OF SEQUENCES: 10
; CORRESPONDENCES: 10
; CORPERSOR 10
; CORRESPONDENCES: 10
; CORPERSOR 10
; CO
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/211,704A
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Sequence 84, Application US/09919497

Sequence 86, Application US/09919497

Sequence 86, Application US/09919497

FORTHAL OF INVERTION:

TITLE OF INVERTION: PROCENOSTIC CLASSIFICATION OF ENDOMETRIAL CANCER

TITLE OF INVERTION NUMBER: US/09/919,497

CURRENT APPLICATION NUMBER: US 60/221,735

PRIOR APPLICATION NUMBER: US 60/221,735

PRIOR PILING DATE: 2000-07-31

NUMBER OF SEQ ID NOS: 100

SOFTWARE: PATENTIN VERSION 3.0
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                                                                                                                                                                                                                      Sequence 28, Application US/09391104
Fatent No. 6399371
General INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Falduto, Michael T.
APPLICANT: Magnuson, Scott R.
APPLICANT: Morgan, Douglas W.
TITLE OF INVENTION: HUMAN MATRIX METALLOPROTEASE GENE,
TITLE OF INVENTION: OF USING SAME
TITLE OF INVENTION: OF USING SAME
TITLE OF INVENTION: OF USING SAME
CURRENT APPLICATION NUMBER: US/09/391,104
CURRENT FILING DATE: 1999-09-07
PRIOR APPLICATION NUMBER: US 08/814,394
PRIOR APPLICATION NUMBER: US 08/814,394
NUMBER OF SEQ ID NOS: 35
SOFTWARE: FREUENCE FREUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 87.1%; Score 27; DB 4; Length 582; Best Local Similarity 100.0%; Pred. No. 8.2e+02; Matches 5; Conservative 0; Mismatches 0; Indels
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US-09-689-730-1
, Sequence 1, Application US/09689730
, Patent No. 6825024
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
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CORGANISM: Homo sapiens
US-09-919-497-84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT CORGANISM: Homo sapiens US-09-391-104-28
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                                                              378 KFVFF 382
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LENGTH: 582
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LENGTH: 582
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Patent No. 6399348
GENERAL INFORMATION:
APPLICANT: WILL, Horst
HINZMANN, Bernd
TITLE OF INVENTION: METALLOPROTEASES, THEIR PRODUCTION AND USE
                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20007-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISOPOWATION: DECOMPATION OF STEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NAMBER: US/09/521,220
FILING DATE: 08-Mar-2000
CLASSIFICATION: <Unfared by Application of Computer of Compute
                                                                                                                                                                                                                                      DB 3; Le.__
n. 8.2e+02;
0; Indels
                                                                                                                                                                                                                                                             Length 582;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
                                                                                                                                                                                                                                      97.1%; Scc...
100.0%; Pred. No. c...
... 0; Mismatches
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NAME: GRANADOS, Patricia D.
REGIGTRATION NUMBER: 33,683
REFERENCE/DOCKET NUMBER: 26083/124
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/704,711
FILING DATE: «Unknown»
APPLICATION NUMBER: DE 4438838.1
FILING DATE: 21-OCT-1994
APPLICATION NUMBER: DE 4409663.1
FILING DATE: 17-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 582 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21-OCT-1994
17-MAR-1994
                                                           TYPE: amino acid
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-211-704A-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 904136
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
SEQUENCE CHARACTERISTICS:
LENGTH: 582 amino acids
                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                               378 KFVFF 382
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US-09-521-220-2
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16 FVFFA 20
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                                        2 FVFFA 6
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US-09-270-767-60733
                                                                                                                                                     RESULT 36
US-09-583-110-4885
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Patent No. 6703491

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION:

APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 52308

LENGTH: 45
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Batent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT PELLING NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 37091
LENGTH: 45
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APPLICANT: SEIKI, Motoharu
APPLICANT: SATO, Hiroshi
APPLICANT: SATO, Hiroshi
APPLICANT: SHINAGAMA, Akira
APPLICANT: SHINAGAMA, Akira
TITLE OF INVENTION: NOVEL METALLOPROTEINASE AND ENCODING DNA THEREFOR
FILE REFERENCE: 55-290P
CURRENT APPLICATION NUMBER: US/08/489,730
CURRENT FILING DATE: 10995-06-07
NUMBER OF SEQ ID NOS: 19
SOFTHARE: Patentin Ver. 2.0
SEQ ID NO 1:
LENGTH: 582
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100.0%; Pred. No. 8.2e+02;
cive 0; Mismatches 0; Indels
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83.9%; Score 26; DB 4; Length 45;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
US-09-689-730-1
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Best Local Similarity
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US-09-270-767-52308
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GENERAL INFORMATION:

APPLICANT: LYND DOUGETE-Stamm et al.

APPLICANT: LYND DOUGETE-Stamm et al.

TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
TITLE OF INVENTION: PATHOLO-07A

TITLE OF INVENTION: PATHOLO-07A

CURRENT APPLICATION NUMBER: US/09/583,110

CURRENT FILING DATE: 2000-05-26

CURRENT FILING DATE: 1998-06-30

PRIOR FILING DATE: 1998-06-30

PRIOR FILING DATE: 1998-06-30

PRIOR APPLICATION NUMBER: US 60/085,131

PRIOR APPLICATION NUMBER: US 60/051,553

PRIOR FILING DATE: 1997-07-02

PRIOR FILING DATE: 1997-07-02

SROID NOS: 5322

LENGTH: 61
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Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburs et al.
APPLICANT: Homburs et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT PAPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 60733
LENGTH: 84
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80.0%; Pred. No. 2.3e+02;
ative 1; Mismatches 0; Indels
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Pred. No. 1.7e+02;
1; Mismatches 0; Indels
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       Mismatches
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US-09-621-976-6739
; Sequence 6739, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
                                                                                                                                                                                                      Sequence 4885, Application US/09583110
Patent No. 6699703
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT; ORGANISM: Streptococcus pneumoniae US-09-583-110-4885
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Drosophila melanogaster US-09-270-767-60733
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80.0%;
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Best Local Similarity 80.0.
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5; Conservative
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Best Local Similarity
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48 KFIFF 52
         Matches
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; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-205-258-303
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US-09-627-376-17

Sequence 17, Application US/09627376

Patent No. 6342385

GENERAL INFORMATION:
APPLICART: Q1, Fengata
TITLE OF INVENTION: MUTACIN I BIOSYNTHESIS GENES AND PROTEINS
FILE REPERENCE: UAB-17402/22
CURRENT APPLICATION NUMBER: US/09/627,376

CURRENT PILION DATE: 2001-05-30

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PATENTIN version 3.0
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EARLIER FILING DATE: 1997-06-06
EARLIER PILING DATE: 1997-06-06
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,917
EARLIER APPLICATION NUMBER: 60/048,949
EARLIER FILING DATE: 1997-06-06
EARLIER PILING DATE: 1997-06-06
EARLIER PILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,997
EARLIER PILING DATE: 1997-06-06
EARLIER PILING DATE: 1997-06-06
EARLIER PILING DATE: 1997-06-06
EARLIER FILING DATE: 1997-06-06
EARLIER F
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100.0%; Pre
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SOFTWARE: PatentIn Ver. 2.0
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Best Local Similarity
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   APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET. 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
SUPPRENT FILING DATE: 2000-07-21
SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 6739
LENGTH: 104
TYPE: PRT
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IITLE OF INVENTION: 207 Human Secreted Proteins
FILE REFERENCE: PZ007P1
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CURRENT PILING DATE: 1998-12-04
EARLIER APPLICATION NUMBER: US/09/205,258
EARLIER APPLICATION NUMBER: CT/US98/11422
EARLIER FILING DATE: 1998-06-04
EARLIER PILING DATE: 1997-06-06
EARLIER PELICATION NUMBER: 60/049,375
EARLIER PELING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,881
EARLIER FILING DATE: 1997-06-06
EARLIER PILING DATE: 1997-06-06
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R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048, 884
R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048, 894
R FILING DATE: 1997-06-06
R PELLON NUMBER: 60/048, 971
R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048, 964
R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048, 964
R FILING DATE: 1997-06-06
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R FILING DATE: 1997-06-06
R PILING DATE: 1997-06-06
R PILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048, 901
R PILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048, 892
R PILING DATE: 1997-06-06
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FILING DATE: 1997-06-06
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Patent No. 6525174
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 5; Conservative
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US-09-621-976-6739
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RESULT 45
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Sequence 452491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DAS: 62517

SOFTWARE: Patentin Ver. 2.0
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Sequence 17, Application US/10047676B

Patent No. 669970

GENERAL INCOMMATION

APPLICANT: Q1, Fengxia

APPLICANT: Caulield, Page W.

APPLICANT: Chen, Ping

TITLE OF INVENTY APPLICATION UNDER: US/10/047,676B

CURRENT PILING DATE: 2002-01-14

PRIOR APPLICATION NUMBER: US 09/627,376

PRIOR APPLICATION NUMBER: US 09/627,376

NUMBER OF SEQ ID NOS: 19

SOFTWARE: Patentin version 3.2
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80.0%; Pred. No. 3.9e+02;
tive 1; Mismatches 0; Indels
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83.9%; Score 26; DB 4; Length 118;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                Query Match

83.9%; Score 26; DB 3; Length 118;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
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US-09-270-767-45241
; SEQ ID NO 17
; LENGTH: 118
; TYPE: PRT
; ORGANISM: Streptococcus mutans
US-09-627-376-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Streptococcus mutans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 80.0
Matches 4; Conservative
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120 KFIFF 124
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US-09-270-767-45241
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LENGTH: 156
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LENGTH: 118
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; Sequence 4, Application US/09251645
; Patent No. 6281413
; GENERAL INFORMATION:
; APPLICANT: Kramer, Vance C.
; APPLICANT: Morgan, Michael K.
; APPLICANT: Hart, Hope
; APPLICANT: Marren, Gregory W.
; APPLICANT: Dunn, Martha
; APPLICANT: Oben, Jeng S.
; TITLE OF INVENTION: NOVEL INSECTICIDAL TOXINS FROM PHOTORHABDUS LUMINESCENS
; TITLE OF INVENTION: AND NUCLEIC ACID SEQUENCES CODING THEREFOR
; FILE REFERENCE: CGC1963/A
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Sequence 50607, Application US/09270767

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster;

TITLE PEPERENCE: File Reference: 7336-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT PILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFUMARE: PATENTIN Ver. 2.0

SEQ ID NO 50607

LENGTH: 177
ASQUENCE 35390.
Sequence 35390.
Sequence 35390.
Sequence 35390.
Sequence 35390.
Sequence 35390.
Sequence 35390.
PURCENT: Homburger et al.
TILE OF INVENTION:
NUCLEAR APPLICANTION: Nucleic acids and proteins of Drosophila melanogaster.
TILE REFERENCE: File Reference: 7326-094
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 35390
LENGTH: 177
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100.0%; Pred. No. 4.4e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match

83.9%; Score 26; DB 4; L.
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 5; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-50607
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ORGANISM: Drosophila melanogaster
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Best Local Similarity 100.
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Matches
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Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33463
LENGTH: 201
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US-09-270-767-48680

Sequence 48680, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT APPLING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 48680

LENGTH: 201
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                                                                                                                                                                             Score 26; DB 3; Length 186;
Pred. No. 4.6e+02;
2; Mismatches 0; Indels
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100.0%; Pred. No. 4.9e+02;
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Matches 5; Conservative 0; Mismatches
CURRENT APPLICATION NUMBER: US/09/251,645
CURRENT FILING DATE: 1999-02-17
NUMBER OF SEQ ID NOS: 22
SEQ TWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 186
                                                                                                       TYPE: PRT ; ORGANISM: Photorhabdus luminescens US-09-251-645-4
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ORGANISM: Drosophila melanogaster
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Best Local Similarity 66.7
Matches 4; Conservative
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134 QPIFFA 139
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Best Local Similarity
Matches 5; Conserv
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80 FVFFA 84
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US-09-270-767-33463
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Sequence 27128, Application US/09248796A

Sequence 27128, Application US/09248796A

Patent No. 6747137

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION:
FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1999-02-12

PRIOR PILING DATE: 1998-02-13

PRIOR PILING DATE: 1998-02-13

PRIOR FILING DATE: 1998-01-13

PRIOR FILING DATE: 1998-01-13
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Sequence 38186, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 38186
LENGTH: 249
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Sequence 53403, Application US/09270767

Sequence 53403, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION:

NUCLEIC OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 53403
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Pred. No. 6e+02;
1; Mismatches 0; Indels
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Pred, No. 6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
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ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                     ORGANISM: Drosophila melanogaster
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Similarity 80.0%;
4; Conservative 1
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Best Local Similarity
Matches 4; Conserv
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Best Local Similarity
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196 KFIFF 200
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| NUMBER OF SEQ ID NOS: 28208
| SEQ ID NO 27128
| LENGTH: 249
| TYPE: PRT
| ORGANISM: Candida albicans
| US-09-248-796A-27128
| Query Match
| Best Local Similarity 80.0%; Pred. No. 6e+02;
| Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps
| Apple 5
| NUMBER 112
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Search completed: March 9, 2005, 06:43:00 Job time : 17.0274 secs

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25 86.2 102 4 US-09-270-767-32277 Sequence 25 86.2 110 4 US-09-270-767-47494 Sequence 25 86.2 111 4 US-09-543-681A-7876 Sequence 25 86.2 117 4 US-09-543-681A-7876 Sequence 25 86.2 117 4 US-09-270-767-57477 Sequence 25 86.2 156 4 US-09-270-767-43177 Sequence 25 86.2 184 4 US-09-621-976-4638. Sequence 25 86.2 183 4 US-09-107-532A-5068 Sequence 25 86.2 183 4 US-09-107-532A-5068 Sequence 25 86.2 185 4 US-09-529-157-6 Sequence 25 86.2 185 4 US-09-529-157-7 Sequence 25 86.2 US-09-5	38 25 86.2 188 4 US-09-489-039A-13866 Sequence 13865. A 39 25 86.2 189 4 US-09-252-991A-22889 Sequence 13865. A 40 25 86.2 197 4 US-09-134-0100C-5550 Sequence 52829, A 41 25 86.2 204 4 US-09-949-016-9489 Sequence 52829, Ap 42 25 86.2 205 4 US-09-949-0139A-7731 Sequence 9489, Ap 44 25 86.2 219 4 US-09-270-767-42203 Sequence 7731, Ap 45 25 86.2 229 4 US-09-270-767-42203 Sequence 759, App 46 25 86.2 229 4 US-09-270-767-42203 Sequence 759, App 47 25 86.2 229 4 US-09-724-864-7 Sequence 759, App 48 25 86.2 229 4 US-09-724-864-7 Sequence 7731, Ap 50 25 86.2 282 4 US-09-724-864-7 Sequence 4668, Ap 51 25 86.2 292 4 US-09-724-864-7 Sequence 4672, Ap 52 28 86.2 292 4 US-09-724-864-7 Sequence 4672, Ap 53 25 86.2 339 2 US-09-134-000C-4671 Sequence 20826, A 54 25 86.2 340 4 US-09-134-000C-4671 Sequence 6, Appli	S-09-527-431-61 S-09-46-861-61 S-09-446-861-61 S-09-434-000C-5945 S-09-134-000C-5945 S-09-575-0818-23 S-07-648-796A-8 S-07-648-796A-8 S-07-648-796A-9 S-07-648-796A-7 S-08-190-802A-31 S-08-190-802A-31 S-08-477-346-31 S-08-477-346-31	G70399 RMATION: Great, Allan M. Grevais, Francine Gervais, Francine VENTION: Compounds And Methods For Modu VENTION: Cerebral Amyloid Angiopathy NCE: NBI-088 LICATION NUMBER: US/09/747,408 LIGATION NUMBER: 60/171,877 G DATE: 1999-12-23 EQ ID NOS: 24 astSEQ for Windows Version 4.0 Homo sapiens 5	4; Lengtn 2+05; 0; Indel
GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. OM protein - protein search, using sw model Run on: March 9, 2005, 06:11:36; Search time 16.0274 Seconds 27.946 Million cell udates/sec	•	se: Issued Patents AA:* 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:* 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:* 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:* 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:* 5: /cgn2_6/ptodata/1/iaa/pcruys_COMB.pep:* 6: /cgn2_6/ptodata/1/iaa/pcruys_pp:* 7: /cgn2_6/ptodata/1/iaa/pcruys_ComB.pp:* 8: /cgn2_6/ptodata/1/iaa/pcruys_ComB.pp:* 8: /cgn2_6/ptodata/1/iaa/pcruys_ComB.pp 8: /cgn2_6/ptodata/1/iaa/packfiles1.pep:* 8: /cgn2_6/ptodat	29 100.0 6 4 US-09-747-400-5 Sequence 2 29 100.0 6 4 US-09-747-400-13 Sequence 2 29 100.0 73 4 US-09-621-976-4521 Sequence 2 29 100.0 73 4 US-09-621-976-4521 Sequence 2 28 96.6 107 4 US-09-69-976-4521 Sequence 2 28 97.6 107 4 US-09-69-976-4552 Sequence 2 26 89.7 206 3 US-09-98-976-4552 Sequence 2 26 89.7 206 3 US-09-98-976-455 Sequence 2 26 89.7 206 3 US-09-107-5248-468 Sequence 2 26 89.7 206 3 US-09-104-2016-4114 Sequence 2 2 89.7 307 3 US-09-104-0016-4114 Sequence 2 2 89.7 307 3 US-09-98-034-7842 Sequence 2 2 89.7 307 3 US-09-104-0016-5712 Sequence 2 89.7 393 4 US-09-134-0016-5712 Sequence 2 89.7 394 4 US-09-134-0016-5712 Sequence 2 89.7 395 4 US-09-134-0016-5712 Sequence 2 89.7 395 4 US-09-50-36-256-2 Sequence 2 89.7 395 4 US-09-50-256-57 Sequence 2 89.7 395 4 US-09-50-256-7 Sequence 2 89.7 44.4 US-09-50-2 Sequence 2 89.	26 89.7 911 4 US-08-506-286-28 Sequence 25 86.2 20 1 US-07-670-296-20 Sequence 25 86.2 20 1 US-07-670-296-20 Sequence 25 86.2 20 1 US-07-670-296-24 Sequence 25 86.2 21 US-07-670-296-24 Sequence 25 86.2 41 4 US-09-673-395A-467 Sequence 25 86.2 41 4 US-09-673-395A-467 Sequence 25 86.2 80.2 91 US-09-134-000C-6793 Sequence

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Sequence 26952, Application US/09248796A
; Sequence 26952, Application US/09248796A
; Patent No. 6747137
; Patent No. 6747137
; Patent No. 6747137
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN.
; TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
; TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
; TITLE OF INVENTION: 1099-02-12
; CURRENT APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR FILING DATE: 1998-02-13
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 26552
; LENGTH: 392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13627, 24)
Sequence 13627, Application US/09489039A
Patent NO. 6610836
GENERAL INFORMATION:
Patent NO. 6610836
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 13627
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Best Local Similarity 83.3%; Pred. No. 76;
Matches 5; Conservative 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                        96.6%; Score 28; DB 4; Length 85;
83.3%; Pred. No. 62;
tive 1; Mismatches 0; Indels
TITLE OF INVENTION: ESTS and Encoded Human Proteins. FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 4221
LENGTH: 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT;
CRGANISM: Klebsiella pneumoniae
US-09-489-039A-13627
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US-09-248-796A-26952
                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                   TYPE: PRT; ORGANISM: Homo sapiens
US-09-621-976-4521
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19 AFFILK 24
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25 AFFILK 30
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US-09-248-796A-26952
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US-09-489-039A-13627
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
MUCLELC Acid and Amino Acid Sequences Relating to Streptococcus
TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
TITLE OF INVENTION: PATHO0-07A
CURRENT PILING DATE: 2000-05-26
PRIOR PAPLICATION NUMBER: US 60/107, 433
PRIOR FILING DATE: 1998-06-30
PRIOR PILING DATE: 1998-06-12
PRIOR PILING DATE: 1998-05-12
PRIOR PILING DATE: 1998-05-12
PRIOR FILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 5322
SEQ ID NO 3676
LENGTH: 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                  US=103-104-104.

Sequence 13, Application US/09747408

Patent No. 6670399

GENERAL INFORMATION:

APPLICANT: Gervais, Francine

TITLE OF INVENTION: Compounds And Methods For Modulating

TITLE OF INVENTION: Cerebral Amyloid Angiopathy

FILE REFERENCE: NBI-088

TITLE OF INVENTION: Carboal Amyloid Angiopathy

FILE REFERENCE: NBI-088

CURRENT FELING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: 60/171,877

PRIOR APPLICATION NUMBER: 60/171,877

PRIOR FILING DATE: 1999-12-23

NUMBER OF SEQ ID NOS: 24

SOFTWARE: FaatSEQ for Windows Version 4.0

SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 29; DB 4; I
100.0%; Pred. No. 4.1e+05;
tive 0; Mismatches 0;
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Sequence 4521, Application US/09621976
Patent No. 6639063; GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Jobert, S. APPLICANT: Glordano, J.Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3676, Application US/09583110
Patent No. 6699703
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Streptococcus pneumoniae US-09-583-110-3676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity luv.
Section 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    68 AFFVLK 73
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US-09-583-110-3676
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                                                       RESULT 2
US-09-747-408-13
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Sequence 64.3 Application US/08506296B

Patent No. 6313265

GENERAL INFORMATION:
APPLICANT: Phillips, Greg
APPLICANT: Cunningham, Bruce A.
APPLICANT: Cunningham, Rathryn L.
TITLE OF INVENTION: NERRITE OUTGROWTH-PROMOTING POLYPEPTIDES
TITLE OF INVENTION: CONTAINING FIBRONECTIN TYPE III REPEATS AND METHODS OF USE
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute
                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                          Length 63;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: The Scripps Research Institute
10550 No. 6313265th Torrey Pines Road, TPC-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/506,296B
FILING DATE: 24-JUL-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                       Score 26; DB 4; 1
Pred. No. 1.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                         NAME/KEY: misc feature
LOCATION: (B) LŌCATION 1...63
SEQUENCE DESCRIPTION: SEQ ID NO: 4668:
                                                                                                                                                                                  ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Fitting Thomas
REGISTRATION NUMBER: 34,163
REPERENCE/DOCKET NUMBER: TSRI
TELECOMMUNICATION INFORMATION:
TELEFOX: (619) 554-2937
TELEFAX: (619) 554-6312
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 206 amino acids
TYPE: amino acid
  INFORMATION FOR SEQ ID NO: 4668:
SEQUENCE CHARACTERISTICS:
LENGTH: 63 amino acids
                                                                                                                                                                                                                                                                                                                                       89.7%;
                                                                                           TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
                                                                       TYPE: amino acid
                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 83.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 10550 NO. 6
CITY: La Jolla
STATE: California
COUNTRY: U.S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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53 SPFVLK 58
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                                                                                                                                                                                                       FEATURE
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Sequence 4668, Application US/09107532A
Sequence 100. 6583275
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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                             Gaps
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0
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                         Indels
                                                                                                                                                                                                                Sequence 6455, Application US/09621976
Fatent No. 6639063
GENERAL INFORMATION:
FAPPLICANT: Unmas Milne Edwards, J.B.
FAPLICANT: Glondano, J.Y.
TITLE OF INFORTON: GSTS and Encoded Human Proteins.
TITLE REFERENCE: GENSET. 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 6455
LIENGTH: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 7310
CORRESPONDENCE ADDRESS:
ADDRESSES: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
CITY: Waltham
    Pred. No. 2.3e+02;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660
COMPUTER: PC
COPERATING SYSTEM: «UNKNOWN:
SOFTWARR: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998
FILING DATE: 14 May 1998
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/085,598
FILING DATE: JUBY 2, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFRENDE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Massachusetts
COUNTRY: USA
  83.38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3
Matches 5; Conservative
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Homo sapiens
US-09-621-976-6455
                                                                                                |||:||
360 AFFILK 365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             47 AYFVLK 52
                                                                  1 AFFVLK 6
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APPLICANT: Phillips, Greg
APPLICANT: Cunningham, Bruce A.
APPLICANT: Cunningham, Bruce A.
APPLICANT: Cunningham, Bruce A.
APPLICANT: Crossii, Kathryn L.
TITLE OF INVENTION: NEURITE OUTGROWTH-PROMOTING POLYPEPTIDES
TITLE OF INVENTION: CONTAINING FIBRONECTIN TYPE III REPEATS AND METHODS OF USE
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSE: The Scripps Research Institute
STREET: 10550 No. 6313265th Torrey Pines Road, TPC-8
CITY: La Jolla
STATE: California
COUNTRY: U.S.
ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
TITLE OF INVENTION:
NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION:
NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION:
NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION:
NUCLEIC 2709-2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 1099-01-27
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 7942
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                               Length 307;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
APPLICATION NUMBER: US/08/506,296B
FILING DATE: 24-JUL-1995
                                                                                                                                            . 4.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 26; DB 4;
Pred. No. 6e+02;
2; Mismatches
                                                                                                         Score 26; DB 3;
Pred. No. 4.8e+02
                                                                                                                                                                   1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    34,163
ER: TSRI 488.0
                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 7842, Application US/09489039A
; Patent No. 6610836
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-506-296B-62; Sequence 62, Application US/08506296B; Sequence 10, Application US/08506296B; Patent No. 6313265; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Klebsiella pneumoniae
                                                                                                            89.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,1
REFERENCE/DOCKET NUMBER:
                                                                                                               Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 66.7
Matches 4; Conservative
                                                                                                                                                                                                                                                                               257 SFFVLK 262
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16 AFFIIK 21
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; MOLECULE TYPE:
; FRAGMENT TYPE:
US-08-506-296B-63
                                                                                                                                                                                                                                                                                                                                                                RESULT 12
US-09-489-039A-7842
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-489-039A-7842
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                                                                                                                                                                                          GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: BEIDERNIDIS FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: BEIDERNIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERRINCE: GTC-007
CURRENT APPLICATION NUMBER: US 60/064,964
PRIOR PILING DATE: 1998-08-13
PRIOR FILING DATE: 1997-11-08
PRIOR FILING DATE: 1997-10-08
PRIOR FILING DATE: 1997-10-08
RIOR FILING DATE: 1997-10-08
RIOR FILING DATE: 1997-10-08
PRIOR FILING DATE: 1997-10-08
RIOR FILING DATE: 1997-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Phillips, Greg
APPLICANT: Cunningham, Bruce A.
APPLICANT: Cunningham, Bruce A.
APPLICANT: Cunningham, Bruce A.
TITLE OF INVENTION: NEURITE OUTGROWTH-PROMOTING POLYPEPTIDES
TITLE OF INVENTION: CONTAINING FIBRONECTIN TYPE III REPEATS AND METHODS OF USE
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute
STRRET: 10550 No. 6313265th Torrey Pines Road, TPC-8
CITY: La Jolla
STATE: California
COUNTRY: U.S.
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COMPUTER READABLE FORM:

MEDLUM TYPE: Ploppy disk

COMPUTER: IMP PC compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRIT APPLICATION DATA:

APPLICATION NUMBER: US/08/506,296B

FILING DATE: 24-JUL-1995

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas

REFERENCE/DOCKET NUMBER: 34,163

REFERENCE/DOCKET NUMBER: 34,163

REFERENCE/DOCKET NUMBER: TSRI 488.0

TELEPONMILOATION INFORMATION:

TELEPONMILOATION INFORMATION:

TELEPONMILOATION INFORMATION:

TELEPONMILOATION INFORMATION:
                                                                                     RESULT 10
1.09-134-001C-4114
7. Sequence 4114, Application US/09134001C
7. Patent No. 6380370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ; ORGANISM: Staphylococcus epidermidis US-09-134-001C-4114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 63, Application US/08506296B
Patent No. 6313265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (619) 554-6312
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 307 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 89.7
Best Local Similarity 66.7
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
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        156 SFFVLK 161
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Sequence 76, Application US/08506296B
Patent No. 6313265
GENERAL INFORMATION:
APPLICANT: Phillips, Greg
APPLICANT: Crossin, Kathryn L.
TITLE OF INVENTION: NEURITE OUTGROWTH-PROMOTING POLYPEPTIDES
TITLE OF INVENTION: CONTAINING FIBRONECTIN TYPE III REPEATS AND METHODS OF USE
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 75, Application US/08506296B
Patent No. 6313265
Patent No. 63
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; 6.6e+02;
.... 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: The Scripps Research Institute
STREET: 10550 No. 6313265th Torrey Pines Road, TPC-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: ....
ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: EN PC compatible
COMPUTER: EN PC compatible
COMPUTER: EN PC compatible
COMPUTER: EN PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CLASSIFICATION NUMBER: US/08/506,296B
FILING DATE: 24-JUL-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REPERSORG/DOCKET NUMBER: TSRI 488.0
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFROME: (619) 554-6317
TELEFROME: (619) 554-6317
TELEFROME: CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 26; DB 3;
Pred. No. 6.6e+02
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: La Jolla
STATE: California
COUNTRY: U.S.
                                               ||:|||
322 AFYVLK 327
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382 SFFVLK 387
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Best Local Similarity
Matches 5; Conserv
            1 AFFVLK 6
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US-08-506-2968-75
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Patent No. 6673910
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Breton et al.
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPRENCE: 2709-2005-001
CURRENT APPLICATION NUMBER: US/09/540,236
CURRENT FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 3840
SEQ ID NO 2853
LENGTH: 434
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APPLICANT: Lynn Doucette-Stamm et al
APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPERENCE: 032796-032
CURRENT APPLICATION NUMBER: US/09/134,000C
CURRENT FILING DATE: 1990-08-13
PRIOR FILING DATE: 1997-08-15
NUMBER: OF SEQ ID NOS: 6812
SOFTWARE: PATENTIN Version 3.1
SEQ ID NO 5712
LENGTH: 399
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83.3%; Pred. No. 6.5e+02;
tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         89.7%; Score 26; DB 4; Length 399;
83.3%; Pred. No. 6e+02;
ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5712, Application US/09134000C
Patent No. 6617156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ) ORGANISM: Enterococcus faecalis
US-09-134-000C-5712
TELECOMMUNICATION INFORMATION:
                               TELEPHONE: (619) 554-2937
TELEFAX: (619) 554-6312
INFORMATION FOR SEQ ID NO: 62
SEQUENCE CHARACTERISTICS:
                                                                                                                                                    LENGTH: 394 amino acids TYPE: amino acid
                                                                                                                                                                                                                                         MOLECULE TYPE: protein
FRAGMENT TYPE: C-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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; ORGANISM: M.catarrhalis
US-09-540-236-2853
                                                                                                                                                                                                                   linear
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209 SFFVLK 214
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                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
Matches 5; Conserv
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Best Local Similarity
Matches 5; Conserv
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                         US-08-506-296B-62
                                                                                                                                                                                                                TOPOLOGY:
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Jackson, Stephen P
APPLICANT: Critchlow, Susan B
TITLE OF INVENTION: Assays, agents, therapy and diagnosis relating to
TITLE OF INVENTION: Medulation of cellular DNA repair activity
FILE REFERENCE: MEMBER: 08/09/341,505
CURRENT APPLICATION NUMBER: US/09/341,505
CURRENT PILING DATE: 1999-07-12
EARLIER FILING DATE: 1999-01-13
EARLIER FILING DATE: 1997-01-13
EARLIER FILING DATE: 1997-01-13
EARLIER FILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 18
SOFTHARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 844
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                                                                                                                                                                      Score 26, DB 3; Length 632;
Pred. No. 9e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   89.7%; Score 26; DB 4; Length 84*
83.3%; Pred. No. 1.2e+03;
Pred. No. 1ndels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/461,562B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: HUMAN GENOME SCIENCES, INC.
STREET: 9410 KEY WEST AVE
STATE: ND
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/08461562B
Patent No. 6455274
GENERAL INFORMATION
APPLICANT: WEI, YING-FEI
APPLICANT: HASELTINE, WILLIAM H
TITLE OF INVENTION: HUMAN DNA LIGASE IV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/09341505
Patent No. 6753158
                                                                                                                                                                                       Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
                                                         MOLECULE TYPE: protein
FRAGMENT TYPE: C-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
CORGANISM: Homo sapiens
US-09-341-505-2
                                                                                                                                                                                                                                                                                                                                                                : | | | | | | 435 SFFVLK 440
amino acid
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62 AYFVLK 67
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US-08-461-562B-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-341-505-2
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Sequence 74, Application US/08506296B
Patent No. 6313265.
GENERAL INFORMATION:
APPLICANT: PAINLIPPS, Greg
APPLICANT: Cunningham, Bruce A.
APPLICANT: CLOSSIN, KALHYN L.
TITLE OF INVENTION: CONTAINING FIBRONECTIN TYPE III REPEATS AND METHODS OF USE TITLE OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: The SCRIPPS Research Institute
STREET: 10550 No. 6313265th Torrey Pines Road, TPC-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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Pred. No. 7.9e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: The Scripps Research Institute
STREET: 10550 No. 6313265th Torrey Pines Road, TPC-8
CITY: La Jolla
STATE: California
COUNTRY: U.S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: 0.00.

ZIP: 92037

ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/506,296B
FILING DATE: 24-JUL-1995
FILING DATE: 24-JUL-1995
ATCASSTRICATION: 514
ATCASSTRICATION: Thomas
REGISTRATION NUMBER: 34.163
REFERENCE/DOCKET NUMBER: TSRI 488.0
TELEPHONE: (619) 554-2937
TELEPHONE: (619) 554-6312
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
INRORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
INRORMATION CACIDS
INRORMATION: ACCIDENT CACIDS
INRORMATION ACCIDENT CACIDS
INCOMPATION ACCIDENT CACIDS
INCOMPAT
                                                                                           COMPUTER REALBLE FURDE

COMPUTER REALBLE FURDE

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: Patentin Release #1.0, Version #1.25

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

ATTOMNEY AGENT INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REGISTRATION NUMBER: 34,163

REGISTRATION INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REGISTRATION FORES: 36,2937

TELEPHONE: (619) 554-2937

TELEPHONE: (619) 554-6312

INFORMATION FOR SEQ ID NO: 75:

SEQUENCE CHARACTERISTICS:

LENGTH: 545 amino acids

TYPE: amino acids

TYPE: Amino acids

TYPE: Amino acids

TYPE: Amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
FRAGMENT TYPE: internal
                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      483 SFFVLK 488
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                COUNTRY:
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us-10-009-122-5.rai

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Gaps
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                                                                                                                                                                                      RESULT 22
US-07-670-296-20
IS-07-670-296-20
Sequence 20, Application US/07670296
Patent No. 5229364
GENERAL INFORMATION:
APPLICANT: Chiodi, Francesca
TITLE OF INVENTION: IMMUNOBERICIENCY VIRUS ENDONUCLEASE PROTEIN
UMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEB: Dressler, Goldsmith, Shore, Sutker & Milnamow
STREET: 11300 Sorrento Valley Road, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 17, Application US/08093781
Facent No. 15401628
GENERAL INFORMATION:
APPLICANT: Chicago
TITLE OF INVENTION: IMMUNOBEFICIENCY VIRUS ENDONUCLEASE PROTEIN
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore & Milnamow, Ltd.
STREET: 180 No. 5401628th Stetson, Suite 4700
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     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: ...
ZIP: 91121
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OORPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/670,296
TITING DATE: 19910607
     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: BINGham, Douglas A.
REGISTRATION NUMBER: 32, 457
REFERENCE/DOCKET NUMBER: BCI-
TELECOMUNICATION INFORMATION:
TELEPHONE: 619-546-1555
INPORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 66.7
Matches 4, Conservative
     5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1991060
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                           San Diego
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7 AYFILK 12
                                                        1 AFFVLK 6
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US-08-093-781-17
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STATE:
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     Matches
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Retent No. 6313265

GENERAL INFORMATION:
APPLICANT: Unformation, Bruce A.
APPLICANT: Crossin, Kathyrn L.
TITLE OF INVENTION: NEURITE OUTCROWTH-PROMOTING POLYPEPTIDES
TITLE OF INVENTION: CONTAINING FIBRONECTIN TYPE III REPEATS AND METHODS OF USE NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
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STREET: 10550 No. 6313265th Torrey Pines Road, TPC-8
STREET: 10550 No. 6313265th Torrey Pines Road, TPC-8
STREET: California
STATE: California
COUNTRY: U.S.
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 26; DB 3; Length 1268; Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 26; DB 4; Length 911;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.2e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                       PRICE APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/12922
FILING DATE: 08-NOV-1995
ATOMES/AGENT INFORMATION:
NAME: A. ANDERS BROOKES
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PF142P1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAX: 301-309-8594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89.7%;
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05-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1268 amino acids
                                                                                                                                                                                                                                                                                                                                                                              : 911 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; MOLECULE TYPE: protein US-08-461-562B-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; MOLECULE TYPE: protein US-08-506-296B-28
                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
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129 AYFVLK 134
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                            LENGTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
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PEATURE:
NAMEKEY: Region
LOCATION: 22
COTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
COTHER INFORMATION:
COTHER INFORMATION:
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US-09-673-395A-467
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8 AYFILK 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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Patent No. 5223364

GENERAL INFORMATION: Francesca
APPLICANT: Chiodi, Francesca
TITLE OF INVENTION: INMUNOBERICIENCY VIRUS ENDONUCLEASE PROTEIN
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSE: Dressler, Goldsmith, Shore, Sutker & Milnamow
STREET: 11300 Sorrento Valley Road, Suite 200
CITY: San Digo
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ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BM PC compatible
COMPUTER: 19910607
FILING DATE: 19910607
CLASSIFICATION DATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
FILING DATE:
ATTOMNEY/AGENT INFORMATION:
ATTOMNEY/AGENT INFORMATION:
            COMPUTER READABLE FORM:

MEDIUM TYPE: Flopped disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/093,781
FILING DATE: 19-JUL-1993
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Gameon, Edward P.
REGISTRATION NUMBER: 29,381
TELEFAK: (312)616-5460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BCI-0009P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein

RAME/KEY: Peptide

LOCATION: 1..20

CTHER INFORMATION: repe

OTHER INFORMATION: repe

US-08-093-781-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 66.7
Matches 4; Conservative
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7 AYFILK 12
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COUNTRY: U
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US-07-670-296-24
COUNTRY:
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US-09-248-796A-24335
US-09-248-796A-24335
Sequence 24335, Application US/09248796A
Patent No. 6747137
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANU
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-673-395A-467

US-09-673-395A-467

US-09-673-395A-467

Sequence 467, Application US/09673395A

Patent No. 6620923

GENERAL INFORMATION:
APPLICANT: SPECHY, THOMAS

APPLICANT: SPECHY, THOMAS

APPLICANT: BLARSY, CHRISTIAN
APPLICANT: PILARSY, CHRISTIAN
APPLICANT: DAHL, EDGAR

TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM UTERUS TUMOR TISSUE
TITLE OF INVENTION: HUMAN NUCLEIC ACID
FILE REFERENCE: ALBRE-12

CURRENT FILING DATE: 2000-10-17

NUMBER OF SEQ ID NOS: 637

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 467

LENGTH: 41
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#22 corresponds to "2" in the specification, and is
#22 a chain of from 1 to 20 amino acid residues
or a carboxy-terminal group."
                                                                                                                                                                                                                                                   /note= "Wherein "Xaa" at position
#1 corresponds to "X" in the specification, and is
a chain of from 1 to 20 amino acid residues
or an amino-terminal group."
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Pred. No. 80;
2; Mismatches 0; Indels
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100.0%; Pred. No. 1.4e+02;
tive 0; Mismatches 0;
TELEPHONE: 619-546-1555
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 22 amino acids
                                                              LENGTH: 22 amino acida
TYPE: AMINO ACID
TYPE: AMINO ACID
TYPE: AMINO ACID
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
FRATURE:
NAME/KEY: Region
LOCATION: 1
OTHER INFORMATION: 4 ch
OTHER INFORMATION: a ch
OTHER INFORMATION: a ch
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Best Local Similarity 66.7-
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Best Local Similarity 100.
Matches 5; Conservative
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TITLE OF INVENTION: NUCLBIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPERENCE: 012796-012
CURRENT APPLICATION NUMBER: US/09/134,000C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR FILING DATE: 1997-08-15
NUMBER OF SEQ ID NOS: 6812
SOFTWARE: PATENTIN VETRION 3.1
SEQ ID NO 6793
LENGTH: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 32277, Application US/09270767

Sequence 32277, Application US/09270767

Sequence 32277, Application US/09270767

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster.

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-00-17

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 32277
                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                         Score 25; DB 4; Lengtu c...; Pred, No. 1.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 25; DB 4; Length 80;
Pred. No. 2.4e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                86.2%; Scc...
100.0%; Pred. No....
0; Mismatches
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION WUMBER: US/09/248,796A
; CURRENT FILING DATE: 1990-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 24335
; LENGTH: 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-32277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-134-000C-6793
; Sequence 6793, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Enterococcus faecalis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              86.2%;
                                                                                                                                                                                                                              ; ORGANISM: Candida albicans
US-09-248-796A-24335
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 4; Conserv
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46 SFFILK 51
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                                                                                                                                                                                                                                                                                                                                                                                                                      47 PFVLK 51
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Sequence 7876, Application US/09543681A

Patent No. 6605709

GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIJ
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

TITLE REFERENCE: 2709.1002-001

CURRENT APPLICATION NUMBER: US/09/543,681A

CURRENT PILLING DATE: 2000-04-05
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                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 47494
LENGTH: 102
                                         Gaps
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86.2%; Score 25; DB 4; Length 102;
100.0%; Pred. No. 30+02;
ive 0; Mismatches 0; Indels
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100.0%; Pred. No. 3e+02;
tive 0; Mismatches 0;
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Pred. No. 3.2e+02;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-47494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/128,706 PRIOR FILING DATE: 1999-04-09 NUMBER OF SEQ ID NOS: 8344 SEQ ID NO 7976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-270-767-57477, Application US/09270767; Sequence 57477, Application US/09270767; Patent No. 6703491; GENERAL INFORMATION: APPLICANT: Homburger et al.
                                                                                                                                                                                                                  Sequence 47494, Application US/09270767 Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Drosophila melanogaster
                  ilarity 100.0%; P. Conservative 0;
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Best Local Similarity 100.
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Best Local Similarity 66.7
Matches 4; Conservative
Query Match
Best Local Similarity
Matches 5; Conserv
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29 AFFILR 34
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                                                                                                                  9 PFVĽK 13
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                                                                             2 FFVLK 6
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112 AFFILR 117
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US-09-107-532A-5068
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US-09-621-976-4638
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Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT Homburger et al.
APPLICANT Homburger et al.
TITLE OF INVENTIONS Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTIONS Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT PELLING NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: RetentIn Ver. 2.0
ENG ID NO 32560
LENGTH: 158
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT PAPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 54477
LENGTH: 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 158;
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66.7%; Pred. No. 4.4e+02;
tive 2; Mismatches 0; Indels
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66.7%; Pred. No. 4.4e+02;
iive 2; Mismatches 0;
                                                                                                                                                                                                                                  , OTHER INFORMATION: Xaa means any amino acid US-09-270-767-57477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 32960, Application US/09270767
Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Drosophila melanogaster
US-09-270-767-48177
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US-09-270-767-32960
                                                                                                                                                                                                ORGANISM: Drosophila melanogaster
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Best Local Similarity 66.7.
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Best Local Similarity 66.7-
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Best Local Similarity 83.3
Matches 5; Conservative
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112 AFFILR 117
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US-09-270-767-48177
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US-09-270-767-32960
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1 AFFVLK 6

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Sequence 5068, Application US/09107532A
Sequence 5068, Application US/09107532A
Patent No. 6583275
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
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Sequence 4639 Application US/09621976
; Sequence 4639 Application US/09621976
; Patent No. 653963
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Glordano, J.Y.
; APPLICANT: Glordano, J.Y.
; TITLE OF INVENTION: ESYS and Encoded Human Proteins.
; TITLE OF INVENTION: ESYS and Encoded Human Proteins.
; FILE REFERENCE: GENSET. 054PR2
; CURRENT FILING DATE: 2000-07-21
; UNDMER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 4638
; LENGTH: 166
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CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
CITY: Waltham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4.5e+02;
0;
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COMPU
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Pred. No. 4.5e+02
.2; Mismatches
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (781)893-8277
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Best Local Similarity 66.7
Matches 4; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , ORGANISM: Homo sapiens
US-09-621-976-4638
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Patent No. 6500939

GENERAL INPORMATION:
APPLICANT: Kato, Seishi
APPLICANT: Sekine, Shingo
TITLE OF INVENTION: CDNAs Coding For Human Proteins Having Transmembrane
TITLE OF INVENTION: Domains
TITLE OF INVENTION: Domains
FILE REFERENCE: GIN-6711CPUS
CURRENT FILING DATE: 1998-10-02
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: PCT/JD98/04447
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: JP97-10-08
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PATENTIN USY: 2.0
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                                                                                                                                                  Query Match
86.2%; Score 25; DB 4; Length 183;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 4; Length 185;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
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Pred. No. 5e+02;
2; Mismatches
                                                                       ;
in NAME/KEY: misc_feature
;
i LOCATION: (B) LOCATION 1...183
;
i SEQUENCE DESCRIPTION: SEQ ID NO: 5068:
US-09-107-532A-5068
                                                         ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     86.2%;
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : | | : | |
153 SFFILK 158
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Best Local Similarity
                                                                                                                                                                                                                               107 FFVLK 111
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                                                                                                                                                                                                         2 FFVLK 6
                                                                     FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 6
LENGTH: 185
                                                                                                                                                                                                                                                                                      US-09-529-157-6
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Sequence 28289.

Sequence 28289.

Pacent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEG ID NOS: 33142

LENGTH: 189
                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709,2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 1999-01-29
FRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 13866
LENGTH: 188
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                                                                                                                                     Gaps
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                                                                                         Length 185;
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86.2%; Score 25; DB 4; Length 188
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                     0; Indels
                                                                                         Score 25; DB 4;
Pred. No. 5e+02;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                     ; Sequence 13866, Application US/09489039A; Patent No. 6610836
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-28289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Klebsiella pneumoniae
                                                                                      86.2%;
                                                                 Ouery Match
Best Local Similarity 60...
4; Conservative
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153 SFFILK 158
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140 AFFIVK 145
; TYPE: PRT
; ORGANISM: Rattus sp.
US-09-529-157-7
                                                                                                                                                                                  1 AFFVLK 6
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Sequence 7731, Application US/09489039A

Sequence 7731, Application US/09489039A

Fraction No. 661089

APPLICANT: Gary Breton et. al

APPLICANT: Gary Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: PREUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709.2004001

CURRENT FPLIANG DATE: 2000-01-27

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR SEQ ID NOS: 14342

SEQ ID NO 7731

LENGTH: 219
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F Sequence 4203, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094

CURRENT PILING DATE: 1995-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 42203

LENGTH: 229
APPLICANT: DAHL, EDGAR
APPLICANT: ROSENTHAL, ANDRE
TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM UTERUS TUMOR TISSUE
FILE REPERENCE: ALBRE-12
CURRENT APPLICATION NUMBER: US/09/673,395A
CURRENT FILING DATE: 2000-10-17
NUMBER OF SEQ ID NOS: 637
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 205
LENGTH: 205
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100.0%; Pred. No. 5.8e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                     Score 25; DB 4; I
Pred. No. 5.5e+02;
2; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           86.2%; Score 25;
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ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , ORGANISM: Klebsiella pneumoniae US-09-489-039A-7731
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Best Local Similarity 66.7%;
Matches 4; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens
US-09-673-395A-205
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173 SFFILK 178
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TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR PRICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FaetSEQ for Windows Version 4.0
SEQ ID NO 9489
TYPE: PRI
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                                                                                                                       GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 032796-032
CURRENT APPLICATION NUMBER: US/09/134,000C
CURRENT FILING DATE: 1999-08-13
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR FILING DATE: 1997-08-15
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66.7%; Pred. No. 5.4e+02;
tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        86.2%; Score 25; DB 100.0%; Pred. No. 5.3 tive 0; Mismatches
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Patent No. 6520923
GENERAL INFORMATION:
APPLICANT: SPECHT, THOMAS
APPLICANT: SPECHT, THOMAS
APPLICANT: SCHNITT, ARMIN
APPLICANT: SCHNITT, ARMIN
                                                                         Sequence 5350, Application US/09134000C Patent No. 6617156
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US-09-949-016-9489
; Sequence 9489, Application US/09949016
; Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-5350
                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 6812
SOFTWARE: Patentin version 3.1
SEQ ID NO 5350
LENGTH: 197
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Best Local Similarity 66.77
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Best Local Similarity 100.
Matches 5; Conservative
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172 SFFILK 177
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                              RESULT 40
US-09-134-000C-5350
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-648-796A-2
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66 AYFILK 71
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; ORGANISM: Mouse
US-09-724-864-47
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Sequence 759, Application US/10101464A

Batent No. 6768041

GENERAL INFORMATION:

APPLICANT: Strabala, Timothy

APPLICANT: Nacumenhuizen, Nicolaas

APPLICANT: Higgins, Colleen M.

TITLE OF INVENTION: Compositions Isolated from Plant Cells

TITLE OF INVENTION: Compositions Isolated from Plant Cells

TITLE OF INVENTION: and Their Use in the Modification of Plant Cell Signaling

FILE REFERENCE: 11000.10202-03-18

FILE REPERENCE: 2000-11-01

PRIOR PILING DATE: 2000-11-01

PRIOR PILING DATE: 1999-01-12

PRIOR PELING DATE: 1999-01-12

PRIOR FILING DATE: 1999-01-12

PRIOR PILING DATE: 2000-01-11

NUMBER OF SEQ ID NOS: 989

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 759

LENGTH: 229

LENGTH: 229

LENGTH: 229
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                          Indels
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APPLICANT: Dr. Hubert Bayer
APPLICANT: Dr. Ethard Kopetzki
APPLICANT: Dr. Ethard Kopetzki
TTLE OF INVENTION: Expression of HIV1 and HIV2
TTLE OF INVENTION: Polypeptides and their use
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STRATE: New York City
STRATE: Diskette, 5.25 inch, 360 kb storage
COUNTRY: USA
ZIP: Diskette, 5.25 inch, 360 kb storage
COMPUTER: EABABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: Wordperfect
COMPUTER: 19910125
CURRENTING DATE: 19910125
CLASSIFICATION NUMBER: US/07/648,796A
FILING DATE: 19910125
CLASSIFICATION NUMBER: US/07/648,796A
  No. 6e+02;
83.3%; Pred. No. 6e+C
tive 0; Mismatches
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Best Local Similarity 100.
Matches 5; Conservative
Best Local Similarity 83.3
Matches 5; Conservative
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                                                                                                                213 AFFALK 218
                                                                  1 AFFVLK 6
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                                                                                                                                                                              RESULT 45
US-10-101-464A-759
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Gaps

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                  REFERENCE DOCKET NUMBER: 08/143,692
TELECOMMUNICATION INFORMATION:
TELEFAX: (301) 619-7014
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 339 amino acids
TYPE: amino acid
STRANDEDNESS: both
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             9, 2005, 06:43:02
                                                                                                                                                                                                                                                                                          ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: BRUCELLA MELITENSIS
    REGISTRATION NUMBER: 32,535
                                                                                                                                                                                                                           unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Search completed: March
Job time : 18.0274 secs
                                                                                                                                                                                                                    TOPOLOGY: unknow MOLECULE TYPE: HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                        Sequence 4672, Application US/09543681A

Sequence 4672, Application US/09543681A

Patent No. 6605709

GENERAL INFORMATION:
APPLICANT: GARY BREFOR

TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

FILE REFERENCE: 2709.1002-001

CURRENT FILING DATE: 2000-04-05

PRIOR APPLICATION NUMBER: US 60/128,706

PRIOR APPLICATION NUMBER: US 60/128,706

PRIOR FILING DATE: 1999-04-09

NUMBER OF SEQ ID NOS: 8344

SEQ ID NO 4672

LENGTH: 296
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                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    86.2%; Score 25; DB 4; Length 296; 66.7%; Pred. No. 7.5e+02; ive 2; Mismatches 0; Indels
                                                                                                               86.2%; Score 25; DB 4; Length 282; 100.0%; Pred. No. 7.2e+02; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/08855714
Patent No. 5939075
GENERAL INFORMATION:
APPLICANT: Houng, Huo-Shu H.
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEB: GOTH MORAN, Esq.
STREET: HQ USAMRDC, Dept. of Army, Fort Detrick
CITY: Frederick
STATE: MO
COUNTRY: US
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: READABLE FORM:
APPLICATION DATA:
APPLICATION DATA:
BATTLE CONTROL OF THE COMPATION STATEM: US A COMPUTER THAT DATA:
CURRENT APPLICATION DATA:
BATTLE CATION NUMBER: US/08/855,714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/334,129
FILLING DATE: 04-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hendricks, Glenna
                    ; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-4468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-09-543-681A-4672
                                                                                       Query Match
Best Local Similarity 100.v
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 66.7
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |||::|
291 AFFIVK 296
                                                                                                                                                                                                                                                167 FFVLK 171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 AFFVLK 6
                                                                                                                                                                                                  2 FFVLK 6
                                                                                                                                                                                                                                                                                                                                        US-09-543-681A-4672
LENGTH: 282
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US-08-855-714-3
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Page 1

March 9, 2005, 06:11:36 ; Search time 42.6301 Seconds (without alignments) 36.290 Million cell updates/sec GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. OM protein - protein search, using sw model Run on:

US-10-009-122-6 19 1 KLVF 4

Title: Perfect score: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

2105692 segs, 386760381 residues

Searched:

2105692 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries

geneseqp1980s: 9 geneseqp2000s: 9 geneseqp2001s: 9 geneseqp2001s: 9 geneseqp2003s: 9 geneseqp2003bs: 9 geneseqp2003bs: 9 A Geneseq 16Dec04:* 1: geneseqp1980s:* 2: geneseqp1990s:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

																						;				
	uoı	Amyloid b	Beta-amyl	Antifibri	Antifibri	All-D pep	All-D pep	Amyloid t	Amyloid t	Peptide #	Peptide #	Abeta pep	Abeta pep	Vaccine a	Amyloid-b	Antifibri	Antifibri	Vaccine a	Test pept	Beta-amyl	Partial s	Peptide d'	Amyloid b	A-beta-bi	Beta-amyl	Beta-amyl
	Description	Aaw45956	Aay79936	Aab48487	Aab48479	, Aab82635	Aab82627	Aau96815	Aau96823	Aau11661	Aau11653	Aae35442	Aae35449	Adq37266	Adq37384	Adq37326	Adq37318	Adg37274	Aar87922	Aaw02315	Aaw45933	Aaw45966	Aaw45950	. Aaw29089	Aaw89367	Aay79937
STIME	ID	AAW45956	AAY79936	AAB48487	AAB48479	AAB82635	AAB82627	AAU96815	AAU96823	AAU11661	AAU11653	AAE35442	AAE35449	ADQ37266	ADQ37384	ADQ37326	ADQ37318	ADQ37274	AAR87922	AAW02315	AAW45933	AAW45966	AAW45950	AAW29089	AAW89367	AAY79937
	DB	7	m	4	4	4	4	ß	Ŋ	S	Ŋ	9	9	œ	œ	æ	8	ω	~	~	N	~	~	~	~	Э
	Query Match Length DB	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	5	2
مد	Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Score	19	19	19	19	19	19	19	19	19	19	19	19	. 19	19	19	19	19	19	19	19	19	19	19	19	19
	Result No.	1	8	m	4	2	9	7	ω	თ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Aab67279 Residues Aab48489 Antifibri	81 Antifi	16	o g	Long	Beta-	Beta	Beta a	Amylc	Amyloid	Transglu	Peptid	3 Peptide	12 Abeta	4	1 Abeta	3 Beta-a	1 C-term		1 Human	8	ᅼ	ņ		ø	354	. 892	320 Antifibr	342 Amyloid-	17382 Amy]	aw02331 Beta	2313 Beta	2314 Beta	aw45945 Amy]	944 Amy]	9092	9091 A-be	0 A-be
5 4 AAB67279 5 4 AAB48489	4 AAB4848	4 AABOZOS	4 AAB6280	5 ABG7101	5 AAO1584	5 ABB0518	5 ABB0515	ß	5 AAU9681	5 ABB8400	S	5 AAU1166	6 ABB8263	6 AAE3544	6 AAE3545	6 ABR4390	7 ADF6093		8 ADJ6406	8 ADJ6408	8 ADM9774	8 ADP6492	8 ADQ37	8 ADQ3727	8 ADQ3735	8 ADQ3726	8 ADQ373	8 ADQ3734	8 ADQ3738	2 AAW0233	~	2 AAW0231	2 AAW4594	0	2 AAW2909	2 AAW290	2 AAW2909
19 100.0	9 100.	100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.	9 100.		9 100.	9 100.	.001 6	9 100.	9 100.	9 100.	9 100	9 100.	9 100.
26	28	N C	3.0	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	4.8	49	20	51	25	23	54	. 22	26	52	28	29	09	61	62	63	64	65

ALIGNMENTS

AAW45956 standard; peptide; 4 AA. Amyloid beta peptide fragment. (revised)
(first entry) 25-MAR-2003 30-JUN-1998 AAW45956;

Amyloid beta peptide; Alzheimer's disease; polymerisation; aggregation; positron emission tomography; PET; Down's syndrome; amyloidosis.

95SE-00004467. 95US-0009386P. 96WO-SE001621. Homo sapiens. WO9721728-A1. 12-DEC-1995; 29-DEC-1995; 09-DEC-1996; 19-JUN-1997.

Nordstedt C, Naeslund J, Thyberg J, Tjernberg LO, Terenius L; (KARO-) KAROLINSKA INNOVATIONS AB.

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in the exemplification of present invention
                                                                  Best Loc
Matches
                                                                                                                                                                    RESULT 3
                                                                                                                                                                                AAB48487
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   SXS
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                                                                                                               This_sequence represents a fragment of the amyloid beta peptide. The invention relates to the use of peptide compounds for inhibition of polymerisation of amyloid beta peptide (ABP), as model substances for polymerisation of ABP, as model substances for synthesis of ABP-ligands for inhibition of polymerisation of ABP, as a tool for the identification of other organic compounds with similar tool for the identification of other organic compounds with similar functional properties, or as ligands in positron emission tomography. The peptides may be used in treatment of amyloidosis, specially in treatment or prevention of demens in patients with Down's syndrome, for treatment or prevention of hereditary cerebral haemorrhage with amyloidosis (Butch type) or for the prevention of fibril formation of human amyloid protein. They can also be used for identifying other molecules with similar propertier and/or as ligands for detection of amyloid deposits using e.g. postfire missian tomography. (Updated on 25-MAR-2003 to correct PI
                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The present invention describes a beta-amyloid inhibitor peptide. Beta-amyloid inhibitors have neuroprotective and nootropic properties. The inhibitor peptides are useful for the treatment of Alzheimer's disease. The present sequence represents a beta-amyloid recognition peptide used
                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                       Use of new and known peptide(s) for inhibition of polymerisation of amyloid beta peptide - e.g. for treatment of Alzheimer's disease or Down's syndrome associated with amyloidosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Beta-amyloid; inhibitor; recognition element; hybrid; aggregation; Alzheimer's disease; neuroprotective; nootropic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Beta-amyloid inhibitor useful for treating Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                          ;
0
                                                                                                                                                                                                                                                                                                                                               Score 19; DB 2; Length 4;
Pred. No. 1.8e+06;
Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Beta-amyloid recognition peptide SEQ ID NO:1,
                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (WISC ) WISCONSIN ALUMNI RES FOUND.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAY79936 standard; peptide; 4 AA
                                                                                            Example 1; F/g 2B; 31pp; English
                                                                                                                                                                                                                                                                                                                                                  100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          11-MAY-2000 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Kiessling LL;
                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Example; Col 7; 15pp;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2000-160387/14.
                     WPI; 1997-332723/30.
                                                                                                                                                                                                                                                                                                                                                              Similarity
                                                                                                                                                                                                                                                                                                                                                                                                      KLVF
                                                                                                                                                                                                                                                                                                                                                                                                                              KLVF
                                                                                                                                                                                                                                                                                                                             Sequence 4 AA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14-NOV-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US6022859-A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAY79936;
                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local
                                              Use of ne amyloid k
                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAY7993
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                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
                                                                                                                                                                                                                                                                                                                                                                                                                  Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
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                                Length 4;
                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 19; DB 4; I
ilarity 100.0%; Pred. No. 1.8e+06;
Conservative 0; Mismatches 0;
                                                                         ö
                                Score 19; DB 3; I
Pred. No. 1.8e+06;
                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /note= "C-terminal amide"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gupta A;
                                                                                                                                                                                                                                                                AAB48487 standard; peptide; 4 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 7; Page 25; 46pp; English.
                                100.0%;
ilarity 100.0%;
Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                        Antifibrillogenic peptide #14.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     04-MAY-2000; 2000WO-CA000515.
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                                                                                                                                                                                                                                                                                                                                               (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gervais F,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (NEUR-) NEUROCHEM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WPI; 2001-031852/04.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 KLVF 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WO200068263-A2
                                                                                                                      KLVF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Key
Modified-site
Sequence 4 AA;
                                                                                                                                                               KLVF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Chalifour R,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           05-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4:
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                                                                                                                                                                                                                                                                                                         AAB48487;
                                                                                                                        н
                                      Query Match
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RESULT 4

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/note= "C-terminal amide"
                                                                           29-NOV-1999; 99US-0168594P.
28-NOV-2000; 2000US-00724842.
                                                        29-NOV-2000; 2000WO-CA001413
                                                                                                       (NEUR-) NEUROCHEM INC.
                    WO200139796-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KLVF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 KLVF
                                                                                                                        Chalifour R,
                                       07-JUN-2001,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAB82627;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                 Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                                                                                                                                                                                                          Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
                                                                                Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ..
                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 19; DB 4; Length 4; 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             All-D peptide used in Alzheimer's disease vaccine.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1. .4
/note= "all D-form residues"
                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Location/Qualifiers
                                                                                                                                                                                                                                        Gupta A;
        AAB48479 standard; peptide; 4 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAB82635 standard; peptide; 4 AA.
                                                                                                                                                                                                                                                                                                                 Claim 7; Page 25; 46pp; English.
                                                                Antifibrillogenic peptide #6
                                                                                                                                                                               04-MAY-2000; 2000WO-CA000515
                                                                                                                                                                                                  99US-0132592P
                                              (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (first entry)
                                                                                                                                                                                                                                       Chalifour R, Gervais F,
                                                                                                                                                                                                                                                                                                                                                                                                                                                   4; Conservative
                                                                                                                                                                                                                     (NEUR-) NEUROCHEM INC
                                                                                                                                                                                                                                                         WPI; 2001-031852/04
                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          therapy; antigen.
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                                                                                                                                           WO200068263-A2
                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4 AA;
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                                                                                                                         Homo sapiens.
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                                              02-MAR-2001
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                                                                                                                                                             16-NOV-2000
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                            AAB48479;
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AAB48479
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The present sequence is that of an all-D peptide suitable for use in preparing vaccines for preventing or treating Alzheimer's disease and chera peptide (see AABS262), and may be modified by removing or amyloid related disorders in humans. It is based on a portion of amyloid-beta peptide (see AABS262), and may be modified by removing or inserting 1 or more amino acid residues or non-amino acid fragments. Vaccines of the invention are produced using in on-self. It ragments and the other amino acid residues or non-amino acid to peptides synthesised from the unnatural D-configuration amino acids to saying the drawbacks of self, proteins. The all-D peptides non-self. Cayoride the drawbacks of self, proteins. The all-D peptides need not be agregated to be operative or immunogenic. They preferably interact with at least 1 region of an amyloid protein, e.g. the beta-sheet region or Cayoriding site region, the amyloid-beta peptide, or their immunogenic fragments, protein conjugates, immunogenic derivative peptides and immunogenic peptidomimetics. Examples include all-D peptides and corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-21 and 36-42 of the amyloid-beta peptide and the all-D peptides and corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-21 and 36-42 of the amyloid-beta peptide and the all-D derivative peptides given in AAB82623-64. The vaccine elicits a preferential TH-2 or TH-1 response, crevently fibrillogenesis and associated cellular toxicity. The amyloid related diseases may be localised amyloidosis, e.g. diabetes type II, charted diseases, example, cerebral amyloid angiopathy, and prion protein related diseases, or systemic amyloidosis associated with charmation arthritis), famillal Mediterranean fever (FMF) and systemic chromic infection derivative perivative mineral perivative perivative mineral perivati
                                                                                                                                                                                               Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and associated cellular toxicity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amyloidosis found in long-term haemodialysis patients
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      All-D peptide used in Alzheimer's disease vaccine.
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100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
Gervais F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Disclosure, Page 11, 31pp, English.
Kong X,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAB82627 standard; peptide; 4 AA.
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Hebert L,
                                                                                               WPI; 2001-441458/47.
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Best Local Similarity
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Amyloid targeting peptide #5.

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The present sequence is that of an all-D peptide suitable for use for preparing vaccines for preventing or treating Alzheimer's disease and other amyloid related disorders in humans. It is based on a portion of amyloid-beta peptide (see AAB82622), and may be modified by removing or inserting 1 or more amino acid residues, or by substituting 1 or more nation acid residues or non-amino acid fragments. Vaccines of the invention are produced using 'non-self' peptides synthesised from the unnatural D-configuration amino acids to avoid the drawbacks of 'self' proteins. The all-D peptides need not be aggregated to be operative or immunogenic. They preferably interact with at least 1 region of an amyloid-beta peptide, or their immunogenic at least 1 region of an amyloid-beta peptide all-D peptides and immunogenic peptidemimetics. Examples include all-D peptides and immunogenic peptidemimetics. Examples include all-D peptides and corresponding to residues 1-42, 1-40, 1-15, 1-28, 1-7, 10-16, 16-21 and corresponding to residues 1-42, 1-40, 1-15, 1-28, 1-7, 10-16, 16-21 and corresponding to residues and associated cellular toxicity. The amyloid of preventing fibrillogenesis and associated cellular toxicity. The amyloid corresponding fibrillogenesis and associated cellular toxicity. The amyloid corrected diseases, scrapie, cerebral amyloid-besses may be localised amyloidosis, e.g. diabetes type II, cheutzfeldt-Jakob diseases, scrapie, cerebral amyloid-angiopathy, and crent protein related disorders, or systemic emcephalitis, cheuric infection (e.g. tuberculosis) or chronic inflammation (e.g. tuberculosis) externed fever (FWF) and systemic myloidosis found in long-term haemodialysis patients
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and associated cellular toxicity.
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100.0%; Score 19; DB 4; L
Best Local Similarity 100.0%; Pred. No. 1.8e+06;
Matches 4; Conservative 0; Mismatches 0;
                                                                                                       /note= "all D-form residues"
                                                                                                                                                                                                                                                                                                                                                                                            Gervais F;
                                                             Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Disclosure; Page 11; 31pp; English.
                                                                                                                                                                                                                                                                                                                                                                                            Kong X,
                                                                                                                                                                                                                                                                                     29-NOV-1999; 99US-0168594P.
28-NOV-2000; 2000US-00724842.
                                                                                                                                                                                                                                          29-NOV-2000; 2000WO-CA001413
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                                                                                                                                                                                                                                                                                                                                                     (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2001-441458/47.
                                                                                  Misc-difference 1
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                                                                                                                                                     WO200139796-A2
                                                                                                                                                                                                                                                                                                                                                                                               Chalifour R,
                                                                                                                                                                                                07-JUN-2001
                      Synthetic
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The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The agent is of general formula A.t. (A.l.n.k. z.A.l.a.b. [1] where z = 0 - 1; C.A.t. = an amyloid targeting mojety. A.l.n.k = a linker moiety; and A.l.a.b. [2] a labelling moiety. Also included are limaging amyloid deposition or diagnosing an amyloid-related condition in a patient involving administering (1) to the patient, and ultrasound imaging (1) in the condition to determine the presence of amyloid or amyloid-related condition; and a kit for preparation and ultrasound imaging (1) in the condition agent, a buffering agent, a transchelating agent, and instructions for the preparation and use of the radiopharmaceutical in the imaging of amyloid deposition and for diagnosing an amyloid condition e.g. Creutzfeldt-Jakob disease (CDD), kuru, transmissible condition e.g. Creutzfeldt-Jakob disease (CDD), kuru, transmissible cerebral amyloidosis, feline sponsiform encephalopathy, non-transmissible cerebral amyloidosis, feline sponsiform encephalopathy, non-transmissible cerebral amyloidosis, light chain-related amyloidosis, light chain-related amyloidosis, cerebral amyloidosis, light chain-related amyloidosis, cerebral amyloidosis, light chain-related amyloidosis, cerebral amyloidosis, light chain-related amyloidosis, carebral amyloidosis, light chain-related amyloidosis, percent acquence is a peptide forming the amyloid targeting moiety of the amyloid plagues.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New amyloid-targeting imaging agents useful for in vivo imaging amyloid plaques and/or for the treatment of amyloidosis disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                          Amyloid; imaging agent; Creutzfeldt-Jakob disease; Kuru; CJD; transmissible cerebral amyloidosis; transmissible virus dementia; scrapie; transmissible mink encephalopathy; BSB; type II diabetes; bovine spongiform encephalopathy; inflammation associated amyloid primary amyloidosis; feline spongiform encephalopathy; Alzheimer. disease; prion-mediated disease; blood-brain barrier; dialysis-related amyloidosis; light chain-related amyloidosis; cerebral amyloid angiopathy.
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                                                                                                                                                                                                                                                                                                                                                       /note= "Preferably D-form residue"
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100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kong X, Chalifour R, Migneault D;
                                                                                                                                                                                                                                                                                                             Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 49; Page 21; 57pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          25-JUL-2001; 2001WO-CA001071.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25-JUL-2000; 2000US-0220808P.
24-JUL-2001; 2001US-00915092.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2002-371447/40.
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                                                                                                                                                                                                                                                                     Synthetic.
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KLVF

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AAU96815 standard; peptide; 4 AA

RESULT 7 AAU96815 30-JUL-2002 (first entry)

AAU96815;

us-10-009-122-6.rag

Sequence 4 AA;

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The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The cagent is of general formula A.t. (A. 1...k) 2.A. 1.a.b (1) where z = 0 - 1;

A t = an amyloid targeting moiety. Also included are imaging amyloid deposition or diagnosing an amyloid-related condition in a patient involving administering (1) to the patient, and ultrasound imaging (1) in the patient to determine the presence of amyloid or amyloid-related condition is and a kit for preparation are administering agent, a buffering agent, a transchelating agent, and cinetractions for the preparation and use of the radiopharmaceutical in the imaging amyloid or an amyloid-related condition. The agents are used for imaging amyloid deposition and for diagnosing an amyloid deposition and for diagnosing an amyloid deposition or used for imaging amyloid deposition and for diagnosing an amyloid deposition or cerebral amyloidoses (transmissible virus dementias), familial CJD, cerebral amyloidosis, feline spongiform encephalopathy, non-transmissible cerebral amyloidosis, feline spongiform encephalopathy, non-transmissible cerebral amyloidosis, light chain-related amyloidosis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New amyloid-targeting imaging agents useful for in vivo imaging amyloid plagues and/or for the treatment of amyloidosis disorders.
                                                                                                                                                                                                                                                 Amyloid; imaging agent, Creutzfeldt-Jakob disease; Kuru; CJD; tranamissible cerebral amyloidosis; tranamissible virus dementia; scrapie; transmissible mink encephalopathy; BSE; type II diabetes; bovine spongiform encephalopathy; inflammation associated amyloid; primary amyloidosis; feline spongiform encephalopathy; distantation disease; brion-mediated disease; blood-brain barrier; disasserielated amyloidosis; light chain-related amyloidosis; cerebral amyloid angiopathy.
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/note= "Preferably D-form residue"
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                                                    AAU96823 standard; peptide; 4 AA
                                                                                                                                                                                                     Amyloid targeting peptide #13.
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24-JUL-2001; 2001US-00915092.
                                                                                                                                                   (first entry)
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                                                                                                                                                   30-JUL-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Synthetic
                                                                                                      AAU96823;
RESULT 8
AAU96823
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid haemorrhage with amyloidosis of the Dutch type and haemorrhagic stroke. The present sequence represents one of a group of peptides (AAU11648-AAU11669, AAU11910 & AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor cerebral amyloid angiopathy (CAA)
                                                                                                                                                                                                                                                                      Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40
                                                                                                                                                                                                                                            Peptide #14, used as carrier for the amyloid-beta40 (Abeta40) inhibitor.
                               Gaps
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 100.0%; Score 19; DB 5; L
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
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                                                                                                                                                          AAU11661 standard; peptide; 4 AA.
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                                4; Conservative
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Query Match
Best Local Similarity
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                                                         1 KLVF 4
                                                                                   KLVF 4
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                                                                                                                                                                                                                                                                                                                                   Synthetic.
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Matches
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carcinoma; nootropic;

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WPI; 2003-201269/19.
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Best Local Similarity
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                                                                             Key
Misc-difference
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                                                      Unidentified
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AAE35449
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                  The present invention relates to a new method of inhibiting cerebral amyloid angiopathy. The new method of the invention involves contacting a blood vessel wall cell with an amyloid-beta40 inhibitor. The invention can be used for treating disease states characterised by cerebral amyloid angiopathy, particularly Alzheimer's disease, heraditary cerebral amyloid memorrhage with amyloidosis of the Dutch type and haemorrhagic stroke. The present sequence represents one of a group of peptides (AAU11648-AAU11669, AAU11910 & AAU11911) that were used in the invention as a carrier for the amyloid-beta40 (Abeta40) inhibitor. The Abeta40 inhibitor was used in the invention to treat a disease state characterised by cerebral amyloid anglopathy (CAA)
                                                                                                                       Amyloid-beta40 inhibitor; Abeta40 inhibitor; cerebral amyloid angiopathy; CAA; nootropic; neuroprotective; cerebroprotective; Alzheimer's disease; cerebral haemorrhage; amyloidosis; haemorrhagic stroke.
                                                                                                 Peptide #6, used as a carrier for the amyloid-beta40 (Abeta40) inhibitor.
                                                                                                                                                                                                                                                                                                                                                   Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40 inhibitor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             All-D-amyloid beta peptide, Alzheimer's disease; rheumatoid arthritis, cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 19; DB 5; Length 4; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                  Disclosure; Page 10; 68pp; English.
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                                    AAU11653 standard; peptide; 4 AA.
                                                                                                                                                                                                                                         22-DEC-2000; 2000WO-IB002078.
                                                                                                                                                                                                                                                                99US-0171877P
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                                                                                 (first entry)
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                                                                                                                                                                                                                                                                                     (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                           Gervais F;
                                                                                                                                                                                                                                                                                                                                WPI; 2002-075222/10.
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Matches 4; Conserv
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                                                                                                                                                                                             WO200185093-A2
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                                                                                                                                                                                                                                                                 23-DEC-1999;
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                                                                                 09-APR-2002
                                                                                                                                                                                                                    15-NOV-2001
                                                                                                                                                                        Synthetic.
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                                                          AAU11653;
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AAE35442
               RESULT 10
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The invention relates to a method for prevention and/or treatment of an anyloid-related disease which comprises administration of an all-D-amyloid-beta peptide. The method is used for preventing and/or treating carryloid-beta and other amyloid related disease e.g. cerebral amyloid angiopathy; for altering serum levels of amyloid-beta in a mammal and caround anyloid-beta or fibril amyloid-beta from the mammal; and reducing or inhibiting the formation of plaques. It is the mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including cathritis, ankylosing spondylitis, psoriasis, psoriatic arthropathy, arthritis, ankylosing spondylitis, psoriasis, psoriatic arthropathy, cathritis, ankylosing spondylitis, psoriasis, bronchiectasis, decubitus infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus infections (preferably leprosy, tuberculosis, bronchiectasis, disease).

Certain malignant neoplasms can also result in AA fibril amyloid deposits cincluding Hodgkin's lymphoma, renal carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The including sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis;
Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
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Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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    .4
    /note= "D-form residues"

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               29-MAY-2002; 2002WO-CA000763.
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The invention relates to a method for prevention and/or treatment of an amyloid-related disease which comprises administration of an all-D amyloid-beta peptide. The method is used for preventing and/or treating Alzheimer's and other amyloid related disease e.g. cerebral amyloid angiopathy; for altering serum levels of amyloid-beta in a mammal and favours the clearance of soluble amyloid-beta or fibril amyloid-beta from the mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including carbinists, ankylosing spondylitis, psoriasis, psoriatic arthropathy, Reiter's syndrome, Adult Still's disease, Bechet's syndrome and Crohn's Gisease. AA deposits are also produced as a result of chronic microbial inflemmanch (preferably leprosy, tuberculosis, bronchiectasis, decubitus culcers, chronic pyelonephritis, osteomyelitis and Whipple's disease). Certain malignant neoplasms can also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
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psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Prevention and/or treatment of an amyloid-related disease e.g. Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
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/note= "D-form residues"
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                                                                                                                                                     Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 1; Page 59; 44pp; English.
                                                                                                                                                                                                                                                                                                                                         29-MAY-2002; 2002WO-CA000763
                                                                                                                                                                                                                                                                                                                                                                              29-MAY-2001; 2001US-00867847.
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                                                                                                                Unidentified
                                                                                                                                                                                                                                                                                                      05-DEC-2002,
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Vaccine antigen amyloid-beta related amino acid sequence.

(first entry)

07-OCT-2004

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The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease, and (b) ca second agent (a2) that is: (i) a peptide or peptidenimetic that conducts a modulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation; or therapeutic immune response against amyloid-beta fibril formation; or therapeutic immune system modulator that prevents or inhibits amyloid-beta fibril formation. Also described is a kit comprising (C). (C) have notionable of anticonvolsant, antichyloid, vasotropic, cardiovascular, tranquilliser, uropathic, anticonvolsant, antichyloid, vasotropic, cardiovascular, tranquilliser, or uropathic, anticonvolsant, antichyloid, vasotropic, cardiovascular, cardiant, antichyloid, beta fibril formation modulators, and as modulators. (C) can be used for preventing or treating an camploid-beta related disease e.g. Alzheimer's disease (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, amyloid angiopathy, hereditary cerebral hemorrhage, senile dementia, condition associated with Alzheimer's disease.

Commune syndem modulators associated with Alzheimer's disease (including hypothyroidism, cerebral hemorrhage, senile dementia, condition associated with Alzheimer's disease.

Cincluding hypothyroidism, cerebrovascular disease, candiovascular disease, memory loss, anxiety, a behavioural dysfunction (e.g. apathy, aggression, or incontinence), a neurological condition (e.g. thuntington's disease, amyotrophic lateral sclerosis, acquired immunodeficiency, barkinson's disease, aphasia, apraxia, agnosia, perceptive schement and with Lewy bodies, altered muscle tone, seizures, sensory loss, visual cattack or stroke, transient alerthes, attention deficit, frequent falls artack or stroke, transient alerthess, attention deficit, frequent falls artack or stroke, transient letters, brain injury, or posthypoxic
                 mayloid-beta; amyloid-beta related disease;

mayloid-beta fibril formation; immune response; nootropic;

matchorotective; cerebroprotective; haemostatic; ophthalmological;

matchorotective; cerebroprotective; haemostatic; ophthalmological;

matchoroulsant; antidepressant; endocrine; hypnotic;

matchoroulsant; antidepressant; endocrine; hypnotic;

mayloid-beta fibril formation modulator; immune system modulator;

Marcheimer's disease; mild cognitive impairment;

mild-to-moderate cognitive impairment; vascular dementia;

mild-to-moderate cognitive impairment;

mild-to-moderat
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    .4
    /note= "D-form residues"

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           24-DEC-2002; 2002US-0436379P-
23-JUN-2003; 2003US-0482214P-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  vaccine antigen.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Synthetic.
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damage), or a psychological condition (e.g. depression, delusions, illusion, hallucination, sexual disorder, weight loss, psychosis, a sleep disturbance, insomnia, behavioural dischhibition, poor insight, suicidal ideation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt)) in a subject e.g. human having a genomic mutation in an amyloid precursor protein gene, an ApoB gene, or a presentin gene, an having amyloid-beta deposits. The present sequence represents a peptide that can be used as a vaccine antigen in the exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cerebrovascular disease, cardiovascular disease; memory loss, anxiety; behavioural dysfunction; neurological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) a second agent (a2) that is: (i) a peptide or peptidomimetic that
                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  neuropycototy vasotropicy cardiovascular; tranquilliser; uropathic; antichyroid; vasotropic; cardiovascular; tranquilliser; uropathic; cardiant; antichyroid; vasotropic; cardiant; antidepressant; endocrine; hypnotic; amyloid-beta fibril formation modulator; immune system modulator; Alzheimer's disease; mild cognitive impairment; mild-to-moderate cognitive impairment; vascular dementia; ecrebral amyloid angiopathy; hereditary cerebral haemorrhage; senile dementia; Down's syndrome; inclusion body myositis; age-related macular degeneration; hypothyroidism;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                amyloid-beta, amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
neuroprotective; cerebroprotective; haemostatic; ophthalmological;
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                                                                                                                                                                                                                                              100.0%; Score 19; DB 8; Length 4; 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Amyloid-beta polymerisation peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADQ37384 standard; peptide; 4 AA.
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23-JUN-2003; 2003US-0482214P.
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                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                   present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  vaccine antigen.
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                                                                                                                                                                                                                                                                                                                                1 KLVF 4
                                                                                                                                                                                                          Sequence 4 AA;
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(int) an immune system modulator that prevents or intilotts any concrete contropic, cardiovascular, tranquilliser, contropic, antichyroid, vasotropic, cardiovascular, tranquilliser, ucopathic, antichyroid, vasotropic, cardiovascular, tranquilliser, ucopathic, antichyroid, vasotropic, cardiovascular, tranquilliser, urropathic, antichyroid, vasotropic, cardiovascular, tranquilliser, curpleptic, cardiant, antidepressant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as anyloid-beta related disease. (C) can be used for preventing or treating an amyloid-beta related disease. (C) can be used (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, vascular dementia, cerebral anyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, commission body myositis, age-ralated meentia, cerebral anyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, chown's syndrome, inclusion body myositis, age-ralated meentia, cardiovascular disease, memory loss, anxiety, a pervayoritis, age-ralated meentia, cardiovascular disease, memory loss, anxiety, a neurological condition (e.g. Huntington's disease, apportangular disease, acquired incordination, gait disturbance, transient falloward (alsease, appassion, or incordination, gait disturbance, transient falloward (alsease, appassion, or stroke, transient alertness, attention deficit, frequent falloward deficits, incoordination, gait disturbance, transient falloward (alsease, dementia, cattack or stroke, transient alertness, attention deficit, frequent falloward deficits, incoordination, gait disturbance, transient falloward (alsease, dementia, apparent paychological condition (e.g. depression, depressed mood, irritallity, anhedonia, social without and presents an amyloid dependent on peptide which is used in the exemplification of the correction peptide which is used in the exemplification of the
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amyloid-beta fibril formation; immune response; nootropic;
amyloid-beta fibril formation; immune response; nootropic;
anticorctive; cerebroprotective; haemostatic; ophthalmological;
anticorvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;
anticorvulsant; antidepressant; endocrine; hypnotic;
amyloid-beta fibril formation modulator; immune system modulator;
Alzheimer's disease; mild cognitive impairment;
amild-to-moderate cognitive impairment;
amild-to-moderate cognitive impairment; secular dementia;
cerebral amyloid angiopathy; hereditary cerebral haemorrhage;
senile dementia; Down's syndrome; inclusion body myositis;
age-related macullar degeneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
behavioural dysfunction; neurological condition;
modulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation; or (ii) an immune system modulator that prevents or inhibits amyloid-beta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Antifibrillogenic amyloidosis inhibiting peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               present invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 KLVF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 15
ADQ37326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
          원
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The present invention describes compositions (C) comprising: (a) a first agent (a1) that prevents or treats amyloid-beta related disease; and (b) as second agent (a2) that is: (1) a peptide or peptidemimetic that condulates amyloid-beta fibril formation or induces a prophylactic or therapeutic immune response against amyloid-beta fibril formation, or therapeutic immune system modulator that prevents or inhibits amyloid-beta fibril formation. Also described is a kit comprising (C). (C) have noctropic, neuroprotective, cerebroprotective, haemostatic, or notropic, neuroprotective, cerebroprotective, haemostatic, or uropathic, antichyroid, vasotropic, cardiovascular, resurcheptic, acardiant, antidepressant, endocrine and hypnotic activities, and can be used as amyloid-beta fibril formation modulators, and as immune system modulacors. (C) can be used for preventing or treating an amyloid-beta related disease e.g. Alzaheimer's disease (including sporadic (non-hereditary) or familial (hereditary)), mild cognitive impairment, amild-to-moderate cognitive impairment, vascular dementia, cerebral amyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, companial amyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, contact and an analyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, contact and an analyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, contact and an analyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, contact and an analyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, contact and an analyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, contact and an analyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, contact and an and an analyloid angiopathy, hereditary cerebral haemorrhage, senile dementia, contact and an analyloid angiopathy, hereditary cerebral and anyloid angiopathy, hereditary cerebral and anyloid angiopathy, hereditary cerebral and anyloid angiopathy, hereditar
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Disclosure; Page 70; 143pp; English.
                                                                          Location/Qualifiers
                                                                                                                                                     /note= "amidated"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            23-JUN-2003; 2003US-0482214P
                                                                                                                                                                                                                                                                                                                                                                              24-DEC-2003; 2003WO-CA002021
                                                                                                                                                                                                                                                                                                                                                                                                                                                         24-DEC-2002; 2002US-0436379P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (NEUR-) NEUROCHEM INT LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gervais F, Bellini F;
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                                                                                                                                                                                                                                WO2004058239-A1.
                                                                                                          Modified-site
                                                                                                                                                                                                                                                                                                       15-JUL-2004
   Synthetic.
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Sequence 4 AA;

; 0 Length 4; Query Match 100.0%; Score 19; DB 8; Length 4; Best Local Similarity 100.0%; Pred. No. 1.8e+06; Matches 4; Conservative 0; Mismatches 0; Indels

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Gaps

1 KLVF 4 셤

ADQ37318 standard; peptide; 4 AA.

AD037318;

07-OCT-2004 (first entry)

Antifibrillogenic amyloidosis inhibiting peptide.

amyloid-beta; amyloid-beta related disease;

W amyloid-beta fibril formation; immune response; nootropic;

KW amyloid-beta fibril formation; immune response; nootropic;

KW antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;

W anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;

KW anticonvulsant; anti-HIV; antiparkinsonian; muscular; neuroleptic;

KW anyloid-beta fibril formation modulator; immune system modulator;

M Alzheimer's disease; mild cognitive impairment;

KW Alzheimer and disease; mild cognitive impairment;

KW mild-to-moderate cognitive impairment; vascular dementia;

KW senile dementia; Down's syndrome; inclusion body myositis;

KW age-related macular degeneration; hypothyroidism;

Cerebrovascular disease; cardiovascular disease; memory loss; anxiety;

KW vaccine antigen.

Synthetic.

WO2004058239-A1.

5-JUL-2004.

24-DEC-2003; 2003WO-CA002021.

24-DEC-2002; 2002US-0436379P. 23-JUN-2003; 2003US-0482214P.

(NEUR-) NEUROCHEM INT LID

Gervais F, Bellini F;

WPI; 2004-543342/52.

Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.

Disclosure; Page 69; 143pp; English.

definition that prevents compositions (1) compositions (2) compositions (3) that is:

a second agent (a2) that is: (i) a peptide or peptidomimetic that
modulates amyloid-beta fibril formation or induces a prophylactic or
therapeutic immune response against amyloid-beta fibril formation; or
therapeutic immune response against amyloid-beta fibril formation; or
(ii) an immune system modulator that prevents or inhibits amyloid-beta
(fibril formation. Also described is a kit comprising (C). (C) have
nootropic, neuroprotective, cerebroprotective, haemostatic,
ophthalmological, antithyroid, vasotropic, cardiovascular, tranquilliser,
curopathic, anticonvulsant, antidepresant, endocarine and hypnotic activities,
and can be used as amyloid-beta fibril formation modulators, and as
munus system modulators. (C) can be used for preventing or treating an
amyloid-beta related disease e.g. Alzheimer's disease (including sporadic
(non-hereditary) or familial (hereditary)), mild cognitive impairment,
complete cognitive impairment, vascular dementia,
complete angiopathy, hereditary cerebral haemostrade, senile dementia,
complete the complete cognitive impairment, and encourable complete cognitive impairment, and encourable cognitive impairment encourable present invention describes compositions (C) comprising: (a) a first (including hypothyroidism, cerebrovascular disease, cardiovascular The

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disease, memory 1000; a neutrological condition (e.g. Huntington's disease, amyotrophic lateral sclerosis, acquired immunodeficiency, disease, amyotrophic lateral sclerosis, acquired immunodeficiency, disease, aphasia, apraxia, agnosia, pick disease, dementia with Lewy bodies, altered muscle tone, seizures, sensory loss, visual field deficits, incoordination, gait disturbance, translent ischaemic attack or stroke, transfent alertness, attention deficit, frequent falls, synope, neuroleptic sensitivity, normal pressure hydrocephalus, subdural haematoma, brain tumour, posttraumatic brain injury, or posthypoxic damage), or a psychological condition (e.g. depression, delusions, clilusion, hallucination, sexual discreter, weight loss, psychosis, a sleep disturbance, insomnia, behavioural disinhibition, poor insight, suicidal deation, depressed mood, irritability, anhedonia, social withdrawal, or excessive guilt)) in a subject e.g. human having a genomic mutation in an emyloid precursor protein gene, an ApoB gene, or a presentlin gene; having amyloid-beta deposits. The present sequence represents a peptide the exemplification of the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amyloid-beta, amyloid-beta related disease;
amyloid-beta fibril formation; immune response; nootropic;
amyloid-beta fibril formation; immune response; nootropic;
antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
antithyroid; vasotropic; cardiovascular; tranquilliser; uropathic;
antithyroid; vasotropic; cardiovascular; muscular; neuroleptic;
amyloid-beta fibril formation modulator; immune system modulator;
amyloid-beta fibril formation modulator; immune;
andid-to-moderate cognitive impairment; vascular dementia;
cerebral amyloid angiopathy; hereditary cerebral haemorrhage;
senile dementia; Down's syndrome; inclusion body myositis;
senile dementiar degeneration; hypothyroidism;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
cerebrovascular disease; cardiovascular disease; memory loss; anxiety;
andidical dysfunction; neurological condition; psychological condition;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
  memory loss, anxiety, a behavioural dysfunction (e.g. apathy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity 100.0%; Score 19; DB 8; Length 4; Similarity 100.0%; Pred. No. 1.8e+06; 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Vaccine antigen amyloid-beta related amino acid sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             'note= "D-form residues"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADQ37274 Standard; peptide; 4 AA.
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23-JUN-2003; 2003US-0482214P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     07-OCT-2004 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 4; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        vaccine antigen.
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                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 17
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The present liveration describes compositions (C) comprising: (a) a first agent (a) that prevents or treats amyloid-beta related disease; and (b) a second agent (a) that is: (i) a peptide or peptidomimetic that modulates amyloid-beta fibril formation or induces a prophylactic or modulates amyloid-beta fibril formation, or therapeutic immune system modulator that prevents or inhibits amyloid-beta (ibril formation, Also described is a kit comprising (C). (C) have contropic, neuroprotective, cerebroprotective, haemostatic, tranquilliser, uropathic, anticonvulsant, antidepressant, endocrins and hypnotic activities, and can be used as amyloid-beta fibril formation modulators. (C) can be used for preventing or treating an can be used as amyloid-beta fibril formation modulators and as immune system modulators. (C) can be used for preventing or treating an can be used as amyloid-beta fibril formation modulators and as immune system modulators. (C) can be used for preventing or treating an immune system modulators. (C) can be used for preventing or treating an immune system modulators. (C) can be used for preventing or treating an immune system modulators. (C) can be used for preventing or treating or familial (bereditary) or familial (bereditary)), mild cognitive impairment, vascular dementia, carebrath moderate and as anyloid-bet areditary confittion associated with Alzahamer's disease.

C) con-bereditary or a condition associated with Alzahamer's disease.

C) con-bereditary or a condition associated with Alzahamer's disease.

C) con-bereditary, on a condition associated with Alzahamer's disease.

C) con-bereditary or a condition associated with Alzahamer's disease.

C) desease, amortyloss, anxiety, a behavioural dysfunction (e.g. apathy, alsease, amortyloss, anxiety, a spension of desease, amountyloss, anxiety, a spension of deficit, frequent fallations, estimated, sensory loss, visual field deficits, incoordination, genical and sensor sensors of disease, amountylosical condition (e.g. depression, depressed mood, irr
                                                                                                                                Composition for treating e.g. Alzheimer's disease comprises first agent that prevents or treats amyloid-beta related disease and second agent that is either a peptide or peptidomimetic or an immune system modulator.
                                                                                                                                                                                                                                                                The present invention describes compositions (C) comprising: (a) a first
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Test peptide used in study of antagonism of amyloid beta protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 19; DB 8; Length 4; 100.0%; Pred. No. 1.8e+06;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      amnesia, amyloid beta; Alzheimer's disease.
                                                                                                                                                                                                                       Disclosure; Page 67; 143pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAR87922 standard; peptide; 5 AA.
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(NEUR-) NEUROCHEM INT LID.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                           Bellini F;
                                                                                    WPI; 2004-543342/52.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              present invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4 AA;
                                           Gervais F,
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  셤
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Partial sequence of amyloid beta peptide critical for its polymerisation.
                                                                                                                                                                                                                                             AAW02110-W02332 represent the peptide portions of the beta-amyloid modulator compounds of the invention. Beta-amyloid peptide is a 4 kilodalton peptide that is the major protein component of amyloid plaques are present both in the brain lesions, and in the walls of cerebral blood vessels in Alzheimer's disease patients. The amyloid modulators of the invention comprise an amyloidogenic protein or peptide (such as this sequence) coupletely a mayloid adopsing protein or peptide (such as this sequence) coupletely or indirectly to at least one modifying group. The modifying group is preferably a cyclic, heterocyclic, or polycyclic group, such as declain, a cholanyl group, a biotin containing group, or a fluorescein containing group. These compounds then modulate the aggregation of these sequences to natural amyloid proteins or peptides when contacted with the natural
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amyloidogenic proteins or perficies. The modulator compounds can be used in the treatment of disorders associated with amyloidosis, such as familial amyloid cardiomyopathy, isolated cardiac amyloidosis, systemic senile amyloidosis, scrapis, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, adult-onset diabetes, insulinoma, familial Mediterranean fever, familial amyloid nephropathy with urticaria and deafness, hereditary cerebral haemorrhage and other types of amyloidosis. The modulators are also useful for the treatment of disorders associated with beta-amyloidosis, especially
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Amyloid beta peptide, Alzheimer's disease, polymerisation, aggregation, positron emission tomography, PET, Down's syndrome, amyloidosis.
              Findeis MA, Benjamin H, Garnick MB, Gefter ML, Hundal A;
Kasman L, Musso G, Signer ER, Wakefield J, Reed MJ, Molineaux S;
Kubasek W, Chin J, Lee J, Kelley M;
                                                                                                                              Modulators of amyloid aggregation - comprising, e.g. amyloidogenic protein coupled (in)directly to at least 1 modifying gp., useful in treatment of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 19; DB 2; Length 5; 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                             Claim 16; Page 91; 106pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (KARO-) KAROLINSKA INNOVATIONS AB.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAW45933 standard; peptide; 5 AA.
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                                                                                            WPI; 1996-433762/43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Alzheimer's disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       09-DEC-1996;
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29-DEC-1995;
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AAW45933
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            effects of amyloid beta protein and which can be used to ameliorate amnesia and other neurotoxicity in Alzheimer's disease caused by deposition of this protein. The peptides themselves are not amnestic or memory-enhancing. The new peptides are described in AAR87912, AAR87913 and AAR87914. The present sequence is an additional peptide tested in the process but found not to be active
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Beta-amyloid; modulator; amyloid plaque; brain lesion; amyloidosis; cerebral blood vessel; Alzheimer's disease; amyloidogenic protein; familial amyloid polyneuropathy; familial amyloid cardiomyopathy; isolated cardiac amyloidosis; systemic senile amyloidosis; insulinoma; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; urticaria; adult-onset diabetes; familial Mediterranean fever; therapy; deafness; scrapie; familial amyloid nephropathy; hereditary cerebral haemorrhage.
                                                                                                                                                                                                                                                                                                                         New peptide(s) which block binding of amyloid beta protein - used for antagonising the amnestic effects of amyloid beta protein, partic. in Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                            The invention relates to three new peptides which block the amnestic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 19; DB 2; I
Pred. No. 1.8e+06;
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                                                                                                                                                                                                                                                                                                                                                                                                    Disclosure; Page 9; 27pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAW02315 standard; peptide; 5 AA.
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95US-00475579.
95US-00548998.
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                                                                                                                                                                                                           OF HOPE
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Best Local Similarity
Matches 4; Conserv
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07-JUN-1995;
27-OCT-1995;
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                                                                                                                              16-SEP-1994;
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                                                                                          06-APR-1995
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                Synthetic.
                                                                                                                                                                                                                                               Roberts E;
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Gaps

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Use of new and known peptide(s) for inhibition of polymerisation of amyloid beta peptide - e.g. for treatment of Alzheimer's disease or Down's syndrome associated with amyloidosis.
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                                                                                                                                                                                                                                                                                                                         WPI; 1997-332723/30.
                                                                                                                                                                                                                                                                                                                Nordstedt C,
                                                                                                                                                                                                                                                                               09-DEC-1996;
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30-JUN-1998
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                                                                                                                                                                                                                                                     Synthetic.
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Terenius L;

Tjernberg LO,

Thyberg J,

Naeslund J,

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This is a partial sequence of the amyloid beta peptide which is critical for its polymerisation. The invention relates to the use of peptide (ABP), compounds for inhibition of polymerisation of amyloid beta peptide (ABP), cas model substances for synthesis of ABP-ligands for inhibition of cas model substances for synthesis of ABP-ligands for inhibition of cas model substances for synthesis of ABP-ligands for inhibition of compounds with similar functional properties, or as ligands in positron comparably. The peptides may be used in treatment of amyloidosis, especially in treatment of Alzheimer's disease associated with amyloidosis, for treatment or prevention of demens in patients with haemorrhage with amyloidosis (Dutch type) or for the prevention of fibril formation of human amyloid protein. They can also be used for identifying other molecules with similar properties and/or as ligands for detection of amyloid deposits using eg. positron emission tomography. (Updated on 25-MAR-2003 to correct PI field.)
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                                                                                                                           Use of new and known peptide(s) for inhibition of polymerisation of amyloid beta peptide - e.g. for treatment of Alzheimer's disease or Down's syndrome associated with amyloidosis.
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   Terenius
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 19; DB 2; Length 5; 100.0%; Pred. No. 1.88+06; Vismatches 0; Indels
Tjernberg LO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Peptide derived from amyloid beta peptide fragment.
       Thyberg J,
                                                                                                                                                                                                                                                                               Example 5; Page 14; 31pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAW45966 standard; peptide; 5 AA.
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95US-0009386P.
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(first entry)
       Nordstedt C, Naeslund J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4; Conservative
                                                                        WPI; 1997-332723/30.
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Best Local Similarity
Matches 4; Conserv
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CutyFF with an amino acid residue replaced with alanine. The invention KLVFF with an amino acid residue replaced with alanine. The invention relates to the use of peptide compounds for inhibition of polymerisation of amyloid beta peptide (ABP), as model substances for synthesis of ABP-ligands for inhibition of polymerisation of ABP, as a tool for the ligands for inhibition of polymerisation of ABP, as a tool for the identification of other organic compounds with similar functional properties, or as ligands in positron emission tomography. The peptides may be used in treatment of amyloidosis, especially in treatment of Alzhamer's disease associated with amyloidosis, for treatment or prevention of demens in patients with Down's syndrome, for treatment or prevention of hereditary cerebral haemorrhage with amyloidosis (Dutch prevention of the prevention of fibzil formation of human amyloid protein. They can also be used for identifying other molecules with similar properties and/or as ligands for detection of amyloid deposits using e.g. position emission tomography. (Updated on 25-MAR-2003 to correct PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Amyloid beta peptide, Alzheimer's disease, polymerisation, aggregation, positron emission tomography; PET; Down's syndrome; amyloidosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           This sequence represents a fragment of the amyloid beta peptide. The invention relates to the use of peptide compounds for inhibition of polymerisation of amyloid beta peptide (ABP), as model substances for synthesis of ABP-ligands for inhibition of polymerisation of ABP, as a tool for the identification of other organic compounds with similar
                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                           Length 5;
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                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 19; DB 2; L¢
100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
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           Example 1; Fig 2C; 31pp; English.
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95US-0009386P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (revised)
(first entry)
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 KLVF 4
                                                                                                                                                                                                                                                                                                                                                              Sequence 5 AA;
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29-DEC-1995;
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30-JUN-1998
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                                                                                                                                                                                                                                                                                                                           Field.)
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Matches
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functional properties, or as ligands in positron emission tomography. The peptides may be used in treatment of amyloidosis, especially in treatment of Alzheimer's disease associated with amyloidosis, for treatment or prevention of demens in patients with Down's syndrome, for treatment or prevention of hereditary cerebral haemorrhage with amyloidosis (Dutch type) or for the prevention of fibril formation of human amyloid protein. They can also be used for identifying other molecules with similar properties and/or as ligands for detection of amyloid deposits using e.g. positron emission tomography. (Updated on 25-MAR-2003 to correct PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              New conjugates are disclosed which are of formula A-Z, in which: A is (1) a cyclosporin A analogue described in AAW29087 or (2) an FK506 binding peptide inhibitor; and Z is a polypeptide comprising 5 or more contiguous residues of A-beta peptide. The compounds are novel chemical inducers of dimerization which are non-immunosuppressive and which are inhibitors of A-beta peptide aggregation and deposition in amyloid plaques. The adverse consequences of amyloid plaque formation can be prevented or ameliorated by sequestering the A-beta peptide in monomeric form with a conjugate which links the A-beta to cyclophilin or FKBP, therefore providing a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        New A-b-binding peptide conjugates and CsA analogs - useful in treatment of neurological diseases e.g. Alzheimer's disease, Multiple Sclerosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Cyclosporin; A-beta peptide; conjugate; neurological disease; Alzheimer; multiple sclerosis; amyotrophic lateral sclerosis; ALS; non-immunosuppressive; amyloid plaque formation.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        A-beta-binding peptide fragment conjugated to cyclosporin.
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                                                                                                                                                                                                                                                                                4; Conservative
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                                                                                                                                                                                                                                                           Local Similarity
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                                                                                                                                                                                                                                                                                                                                          2 KLVF 5
                                                                                                                                                                                                        Sequence 5 AA;
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Modified-site
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                                                                                                                                                                    field.)
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Matches
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mechanism to minimize the amount of free A-beta available for fibril formation and deposition. The compounds can be used for the treatment of Alzheimer's disease, multiple sclerosis and amyotrophic lateral sclerosis
                                                                                                                                                                                                                                                                                                                                                                                  Human; beta-amyloid peptide; Alzheimer's disease; amyloidogenic protein; aggregation; neurotoxicity; amyloidosis; Down's syndrome; cardiomyopathy, familial amyloid polyneuropathy; bovine spongiform encephalopathy; Creutzfeldt-Jakob disease; bAP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          The present invention describes beta-amyloid peptide (bAP) derivatives.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             New peptide(8) derived from beta-amyloid peptide that inhibit amyloid aggregation - and neurotoxicity, specifically for treatment and prevention of Alzheimer's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Benjamin H;
                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Hundal A, Gefter ML, Kasman L, Musso G, Molineaux S, Be
Findeis MA, Chin J, Lee J, Kelley M, Reed M, Wakefield
Garnick MB, Kubasek W, Signer ER;
                                                                                           100.0%; Score 19; DB 2; Length 5; 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 5;
                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 19; DB 2; I
Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                          Beta-amyloid peptide derivative A-beta-16-20.
                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Example 11; Col 63; 52pp; English.
                                                                                                                                                                                                                                                                AAW89367 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         95US-00404831.
95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                            (first entry)
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                                                                                                                        4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 1999-094964/08.
                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
                                                                                                                                                                                   KLVF 4
                                                             Sequence 5 AA;
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                                                                                                                                                        KLVF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14-MAR-1995;
07-JUN-1995;
27-OCT-1995;
                                                                                                                                                                                                                                                                                                                            02-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14-MAR-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US5854204-A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Synthetic.
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                                                                                                                                                                                                                                                                                               AAW89367;
                                                                                           Query Match
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                                                                                                                          Matches
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Matches

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Novel chemical compound or composition useful for preventing beta-strand association, comprises peptides containing N-alpha substituted L-amino
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                                                                                                                                                                                                                                                            The present invention relates to a chemical compound or composition comprising a peptide with a beta strand forming section and associates with a target beta-strand formed by a separate peptide-containing molecule. The invention is useful for inhibiting or reversing the association of target beta-strand, formed by Alzheimer's Abeta peptide into a beta-sheet or beta-fibre and the aggregation of proteins or
                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 19; DB 4; Length 5; ilarity 100.0%; Pred. No. 1.8e+06; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note= "C-terminal amide"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gupta A;
                                                                                                                                                                                                                                                   Example 1; Page 42; 77pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAB48489 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Antifibrillogenic peptide #16.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    04-MAY-2000; 2000WO-CA000515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    99US-0132592P
                                                           99GB-00017724.
                             28-JUL-2000; 2000WO-GB002901
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (NEUR-) NEUROCHEM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPI; 2001-031852/04.
                                                                                                                                                       WPI; 2001-182777/18.
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 KLVF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WO200068263-A2
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5 AA;
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Modified-site
                                                                                           (STOT/) STOTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Chalifour R,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    05-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens
                                                             28-JUL-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 02-MAR-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16-NOV-2000
01-FEB-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAB48489;
                                                                                                                                                                                                                                                                                                                                                                             peptides
                                                                                                                          Stott K;
                                                                                                                                                                                                                         acids.
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ID AAB4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The present invention describes a beta-amyloid inhibitor peptide. Beta-amyloid inhibitors have neuroprotective and nootropic properties. The inhibitor peptides are useful for the treatment of Alzheimer's disease. The present sequence represents a beta-amyloid recognition peptide used in the exemplification of present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
 Gaps
                                                                                                                                                                                                                                                                      Beta-amyloid, inhibitor, recognition element, hybrid, aggregation, Alzheimer's disease, neuroprotective, nootropic.
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100.0%; Score 19; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.8e+06;
Matches 4; Conservative 0; Mismatches 0; Indels
 Indels
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                                                                                                                                                                                                                                        Beta-amyloid recognition peptide SEQ ID NO:2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Residues 16-20 of Alzheimer's Abeta peptide.
   Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAB67279 standard; peptide; 5 AA
                                                                                                                                              AAY79937 standard; peptide; 5 AA.
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                                                                                                                                                                                                            (first entry)
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    4; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 KLVF 4
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                                    4
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                                                                KLVF
                                  1 KLVF
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                                                                                                                                                                                                                                                                                                                         Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                   14-NOV-1997;
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                                                                                                                                                                                                                                                                                                                                                     US6022859-A.
                                                                                                                                                                                                             11-MAY-2000
                                                                                                                                                                                                                                                                                                                                                                                     08-FEB-2000.
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RESULT 26 AAB67279

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Gaps

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KLVP
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                                                                                                                                                                                                                                                                   Synthetic.
                                                                                                                                    AAB82637;
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                           셤
                                                                     for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Peptides AAB48474-B48496 are antifibrillogenic agents that can be used for inhibiting amyloidosis and/or for cytoprotection. The peptides of AAB48474-B48496 cause the breakdown of amyloid deposits and are therefore useful for treating amyloidosis disorders such as Alzheimer's disease. Peptides AAB48474-B48496 were identified from the glycosaminoglycan binding region and the prot-prot interaction region of the human amyloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Antifibrillogenic agent useful for inhibiting amyloidosis and/or for cytoprotection for treating amyloidosis disorders, comprises a peptide, its isomer or peptidomimetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Nootropic; neuroprotective; antifibrillogenic; amyloidosis inhibition; cytoprotection; amyloid deposit degradation; amyloidosis disorder; Alzheimer's disease.
                                                          Peptides AAB48474-B48496 are antifibrillogenic agents that can be used
                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                          Length 5;
                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                        100.0%; Score 19; DB 4; L
100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gupta A;
                                                                                                                                                                                                                                                                                                                                                                       AAB48481 standard; peptide; 5 AA
                             Claim 7; Page 25; 46pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 7; Page 25; 46pp; English
 its isomer or peptidomimetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            04-MAY-2000; 2000WO-CA000515.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Antifibrillogenic peptide #8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         99US-0132592P
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Best Local Similarity 100.v.
A; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                  (first entry)
                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (NEUR-) NEUROCHEM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2001-031852/04.
                                                                                                                                                                                                        Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                               KLVF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WO200068263-A2.
                                                                                                                                                                            Sequence 5 AA;
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                                                                                                                                                                                                                                                                   1 KLVF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         05-MAY-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                      AAB48481;
                                                                                                                                                 protein
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                                                                                                                                                                                                                         Best Loc
Matches
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                                                                                                                                                                                                                                                                                                                                                         AAB48481
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Gaps

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Indels

Length 5;

100.0%; Score 19; DB 4; I 100.0%; Pred. No. 1.8e+06; iive 0; Mismatches 0;

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The present sequence is that of an all-D peptide suitable for use in preparing vaccines for preventing or treating Alzheimer's disease and confort related disorders in humans. It is based on a portion of amyloid related disorders in humans. It is based on a portion of amyloid-beta peptide (see AABB262), and may be modified by removing or inserting 1 or more amino acid residues, or by substituting 1 or more conforts and or or acid residues with other amino acid residues or non-amino acid fragments. Vaccines of the invention are produced using 'non-self' peptides synthesised from the unnatural D-configuration amino acids to avoid the drawbacks of 'self' proteins. The all-D peptides need not be aggregated to be operative or immunogenic. They preferably interact with at least 1 region of an amyloid protein, e.g. the beta-sheet region or a GAG-binding site region, the amyloid-beta peptide, or their immunogenic fragments protein conjugates, immunogenic derivative peptides and immunogenic peptidemimetics. Examples include all-D peptides and immunogenic peptidemimetics. Examples include all-D peptides and corresponding to residues 1-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-13 and 16-42, 1-40, 1-35, 1-28, 1-7, 10-16, 16-13 and 16-42 and 18-42 and 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and
                                                                                                                                                                                                Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
                                                                                                                                               All-D peptide used in Alzheimer's disease vaccine
                                                                                                                                                                                                                                                                                                                                            . .5
'note= "all D-form residues"
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                                                                                                                                                                                                                                                                                                                                                                                                                       /note= "C-terminal amide"
                                                                                                                                                                                                                                                                                                                     Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Disclosure; Page 11; 31pp; English.
AAB82637 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Kong X,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29-NOV-2000; 2000WO-CA001413.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       29-NOV-1999; 99US-0168594P.
28-NOV-2000; 2000US-00724842.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     associated cellular toxicity.
                                                                                              02-OCT-2001 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Hebert L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (NEUR-) NEUROCHEM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2001-441458/47.
                                                                                                                                                                                                                                                                                                                                            Misc-difference 1
                                                                                                                                                                                                                         therapy; antigen.
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Gaps

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Length 5; 0, Indels

Score 19; DB 4; I Pred. No. 1.8e+06;

100.0%;

0; Mismatches

4; Conservative

Similarity

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Creutzfeldt-Jakob disease, scrapie, cerebral amyloid angiopathy, and prion protein related disorders, or systemic amyloidosis associated with chronic infection (e.g. tuberculosis) or chronic inflammation (e.g. rheumatoid arthritis), familial Mediterranean fever (FMF) and systemic amyloidosis found in long-term haemodialysis patients
                                                                                                                                                                                                           Sequence 5 AA;
                                                                                                                                                                                                                                                                              Query Match
Best Local 8
                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Preventing/treating amyloid-related disease, especially Alzheimer's disease, comprises administering antigenic all-D peptide, eg. as vaccine, which elicits production of antibodies to prevent fibrillogenesis and
                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Alzheimer's disease; amyloidosis; amyloid-related disease; vaccine;
                                                                                                                                                                                          ö
                                                                                                                           Length 5;
                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          All-D peptide used in Alzheimer's disease vaccine.
                                                                                                                           100.0%; Score 19; DB 4; I 100.0%; Pred. No. 1.8e+06; ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1. .5
/note= "all D-form residues"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gervais F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Disclosure; Page 11; 31pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kong X,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAB82629 standard; peptide; 5 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     associated cellular toxicity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   29-NOV-1999; 99US-0168594P.
28-NOV-2000; 2000US-00724842.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29-NOV-2000; 2000WO-CA001413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (first entry)
                                                                                                                                                                                                 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Chalifour R, Hebert L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (NEUR-) NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPI; 2001-441458/47
                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           therapy; antigen.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Misc-difference
                                                                                                                                                                                                                                                                1 KLVF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WO200139796-A2
                                                                         Sequence 5 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     02-OCT-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 07-JUN-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAB82629;
                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 30
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This invention relates to a peptide containing Nalpha substituted alpha-D canno acid residues optionally with Nalpha un substituted alpha-D amino acids, which is capable of associating specifically with beta-strands cormed by other protein or peptide molecules and there fore inhibiting their aggregation into extended beta-sheets. The peptides exhibit cheir aggregation into extended beta-sheets. The peptides exhibit controprotective, anticonvulsant, and acrebroprotective activity. The peptides in used for antiparkinsonian, and exebroprotective activity. The peptides in vivo inhibiting or reversing the aggregation of proteins or peptides in the refolding of denatured or aggregated or in vitro, for assisting in the refolding of denatured or aggregated or vitro diagnosis, study or treatment of diseases caused by aggregation of proteins or peptides into insoluble beta fibres. The diseases include proteins or peptides into insoluble beta fibres. The diseases include prion-related encephalopathies e.g. Alzheimer's disease, Parkinson's disease, prion-related encephalopathies e.g. bowine spongiform encephalopathy (BSB) and its human forms Creutzfeldt-Jakob disease and kuru, throughn, the perion of the prion attophy,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Chemical compound/composition for e.g. treating neurodegenerative diseases, comprises peptide comprising Nalpha substituted alpha-D-aminoacid residues which inhibit the aggregation of other proteins/peptides
                                                                                                                                                                                           Beta-amyloid peptide; beta-sheet formation inhibitor; neuroprotective; antidiabetic; nootropic; anticonvulsant; antiparkinsonian; BSE; kuru; cerebroprotective; Alzheimer's disease; Parkinson's disease; bovine spongiform encephalopathy; Creutzfeldt-Jākob disease; Huntington's disease; muscular atrophy; spinocerebellar ataxia; type II diabetes mellitus; amyloidosis.
                                                                                                                                                                Residues 16-20 of beta-amyloid peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Example 1; Page 42; 76pp; English.
                                    AAB62803 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          99GB-00017725.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            28-JUL-2000; 2000WO-GB002923
                                                                                                                         30-APR-2001 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WPI; 2001-168537/17.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (STOT/) STOTT K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      into beta-sheet.
                                                                                                                                                                                                                                                                                                                                                                                                            WO200107474-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            28-JUL-1999;
                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens.
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                                                                                  AAB62803;
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RESULT 31
                      AAB62803
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dentatorubral-pallidoluysian atrophy, and at least 5 genetically distinct
               forms of spinocerebellar ataxia; Non-neurodegenerative diseases such as type II diabetes mellitus, familial amyloidosis and dialysis-related amyloidosis. The present sequence represents a fragment of the Alzhahmer's disease related beta-amyloid peptide. The peptide is used in an example illustrating the use of a peptide of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The invention describes an amyloid modulator comprising an amyloidogenic protein and/or peptide fragment coupled to a modifying group so that the compound modulates the aggregation of natural amyloid proteins or peptides. The modulator is used for treating a disorder associated with amyloidosis e.g. familial amyloid polyneuropathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Danish type), isolated cardiac amyloid, systemic senile amyloidosis, scrapie, bovine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Beta-amyloid; amyloid modulator; amyloidogenic protein; amyloidosis; familial amyloid polyneuropathy; familial amyloid cardiomyopathy; familial amyloid cardiomyopathy; solated cardiac amyloid; systemic senile amyloidosis; scrapie; myeloma; bovine spongiform encephalopathy; BSE; Creutzfeldt-Jakob disease; adult onset diabetes; Gerstmann-Straussler-Scheinker syndrome; insulinoma; atrial amyloidosis; idiopathic amyloidosis; haemodialysis; macroglobulinaemia-associated amyloidosis; reactive amyloidosis; primary localised cutaneous nodular amyloidosis; Sjogren's syndrome; hereditary cerebral haemorrhage with amyloidosis; Muckle-Wells syndrome; hereditary non-neuropathic systemic amyloidosis;
                                                                                                                                                                                                              Gaps
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                                                                                                                                                                         Length 5;
                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , Benjamin H, Garnick MB, Gefter ML, Hund
Musso G, Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                       Score 19; DB 4; I
Pred. No. 1.8e+06;
                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          form beta-amyloid protein fragment #7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example 12; Page 35; 41pp; English.
                                                                                                                                                                                                                                                                                                                                                                             ABG71010 standard; peptide; 5 AA
                                                                                                                                                                       100.0%;
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95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 96US-00617267
                                                                                                                                                                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                              4; Conservative
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                                                                                                                                                                   Query Match
Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                                                      1 KLVF 4
                                                                                                                                                                                                                                               1 KLVF 4
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                                                                                                                                Sequence 5 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens.
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07-JUN-1995;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Кавшап L,
                                                                                                                                                                                                                                                                                                                                                                                                                  ABG71010;
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                                                                                                                                                                                                                                                                                                                                        RESULT 32
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diabetes, Geretmann-Straussler-Scheinker syndrome, insulinoma, isolated atrial amyloidosis, idiopathic (primary) amyloidosis, myeloma or macroglobulinaemia-associated amyloidosis, primary localised cutaneous nodular amyloidosis associated with Sjogren's syndrome, reactive condary) amyloidosis, familial Mediterranean Fever and familial amyloidonephy with urticaria and deafness (Muckle-Wells syndrome), hereditary cerebral haemorrhage with amyloidosis of Icelandic type, hereditary cerebral haemorrhage with amyloidosis associated with long term haemodialysis, hereditary nonneuropathic systemic amyloidosis (familial amyloidosis associated with camilial amyloidosis of Finnish type, amyloidosis associated with real amyloidosis and Inysoryme-associated hereditary systemic amyloidosis and lysoryme-associated hereditary systemic amyloidosis. The compound is capable of altering and inhibiting beta-amyloidosis. The compound is capable of altering and inhibiting beta-amyloidosis. The modulator. This sequence represents a fragment of the relative to the modulator. This sequence represents a fragment of the long form of beta-amyloid used in the creation of an amyloid modulator.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The invention comprises an aggregation inhibitor of beta-amyloid protein (Abeta). The aggregation inhibitor of the invention has the sequence Lysteu-Val-Phe-Phe with a modified C-terminal of aspartyl-ampartyl (aminoethoxy) ethoxyacetic acid. The Abeta aggregation inhibitor of the invention is useful for the prevention, diagnosis and treatment of Alzheimer's disease. The present amino acid sequence represents the Abeta aggregation inhibitor peptide of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            An aggregation inhibitor of beta-amyloid protein of sequence Lys-Leu-Val-Phe-Phe with modified C-terminal of aspartyl-aspartyl- (aminoethoxy)ethoxyacetic acid, for prevention, diagnosis and treatment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Abeta, beta-amyloid protein aggregation inhibitor, Alzheimer's disease; C-terminal aspartyl-aspartyl (aminoethoxy) ethoxyacetic acid.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
Creutzfeldt-Jakob disease, adult onset
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Beta-amyloid protein (Abeta) aggregation inhibitor peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 19; DB 5; Length 5; 100.0%; Pred. No. 1.8e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (DOKU-) DOKURITSU GYOSEI HOJIN SANGYO GIJUTSU SO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AA015847 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Claim 1; Page 2; 4pp; Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19-FEB-2001; 2001JP-00041170.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19-FEB-2001; 2001JP-00041170.
spongiform encephalopathy,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4; Conservative
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Matches 4; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 KLVF 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          of Alzheimer's.
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5 AA;
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Gaps

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0; Indels

Length 5;

100.0%; Score 19; DB 5; I 100.0%; Pred. No. 1.8e+06; 0; Mismatches

4; Conservative

2 KLVF 5

1 KLVF

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Query Match Best Local Similarity Matches 4; Conserv

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The present invention describes an amyloid modulator compound (I)

C comprising an aggregation core domain and a modifying group attached to

C cit. (I) has nootropic, neuroprotective, immunosuppressive, antimicrobial,

C antidiabetic, antipyratic, dermatological, cardiovascular, nephrotropic

and auditory activities, and can be used as a natural amyloid aggregation

C inhibitor and a neurotoxicity inhibitor of natural bara amyloid aggregation

C inhibitor and a neurotoxicity inhibitor of natural beta amyloid peptide

C inhibitor and a neurotoxicity inhibitor of natural beta amyloid aggregation

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

C nom's syndrome individuals and in patients with hereditary creebral

C toxicity of natural beta.Ap aggregates to cultured neuronal cells. (I)

C toxicity of natural beta.Ap aggregates to cultured neuronal cells.

C ability to reduce the neurotoxicity of performed A-beta fibrils. The

D reduces the complification of the present invention
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Amyloid modulator compound useful for treatment of an amyloidogenic disease such as Alzheimer's disease comprises an aggregation core domain and a modifying group attached to it.
                                                                                                                                                                                                                                                                                                                                                                                                                  Beta amyloid peptide; beta-AP; beta amyloid precursor protein; A-beta; APP-770; amyloid aggregation; amyloidogenic; Alzheimer's disease; nootropic; neuroprotective; immunosuppressive; antimidrobial; auditory; antidiabetic; antipyrettic; dermatological; cardiovascular; nephrotropic; amyloid aggregation inhibitor; neurotoxicity inhibitor; Down's syndrome; amyloidogenic disease; beta amyloid deposition; amyloidosis; hereditary cerebral haemorrhage; familial amyloid polyneuropathy.
                                          Gaps
                                          ö
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                                                                                                                                                                                                                                                                                                                                                                        Beta amyloid peptide related peptide PPI-366 SEQ ID NO:37.
Length 5;
                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ,, Benjamin H, Garnick MB, Gefter ML, Hund
Musso G, Signer ER, Wakefield J, Reed MJ;
100.0%; Score 19; DB 5; L
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
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                                                                                                                                                                                                                                                   ABB05183 standard; peptide; 5 AA.
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95US-00475579.
95US-00548998.
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                                                                                                                                                                                                                                                                                                                                         (first entry)
                                                 4; Conservative
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                     Best Local Similarity
Matches 4; Conserv
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                                                                                                                                       KLVF
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07-JUN-1995;
27-OCT-1995;
                                                                                             1 KLVF
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                                                                                                                                                                                                                                                                                                                                         02-APR-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Synthetic
                                                                                                                                                                                                                                                                                                 ABB05183;
       Query Match
                                                                                                                                                                                                                                  ABB05183
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Beta amyloid peptide; beta-AP; beta amyloid precursor protein; A-beta; APP-770; amyloid aggregation; amyloidogenic; Alzheimer's disease; nootropic; neuroprotective; immunosuppressive; antimicrobiai; auditory; antidiabetic; antipyrectic; dermatological; cardiovascular; nephrotropic; amyloid aggregation inhibitor; neurotoxicity inhibitor; Down's syndrome; amyloidogenic disease; beta amyloid deposition; amyloidosis; hereditary cerebral haemorrhage; familial amyloid polyneuropathy.

95US-00404831. 95US-00475579. 95US-00548998.

14-MAR-1995; 07-JUN-1995; 27-OCT-1995;

96US-00617267.

14-MAR-1996;

sapiens.

Synthetic.

US6319498-B1 20-NOV-2001.

Beta amyloid peptide (16-20) SEQ ID NO:10.

02-APR-2002 (first entry)

ABB05158;

ABB05158 standard; peptide; 5 AA.

RESULT 35

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The present invention describes an amyloid modulator compound (I)

CC comprising an aggregation core domain and a modifying group attached to

CC comprising an aggregation core domain and a modifying group attached to

CC antidiabletic, antipyratic, dermatological, cardiovascular, nephrotropic

and auditory activities, and can be used as a natural amyloid aggregation

CC inhibitor and a neurotoxicity inhibitor of natural bard amyloid aggregation

CC inhibitor and a neurotoxicity inhibitor of natural begins

CC intraction of an amyloidogenic disease e.g. Alzheimer's

disease and other clinical occurrences of beta amyloid deposition such as

CC diagnosis or treatment of an amyloidogenic disease e.g. Alzheimer's

CC disease and other clinical occurrences of beta amyloid deposition such as

CC haemorrhage with amyloidosis, and for treating a disorder associated with

CC manyloidosis such as familial amyloid polymeuropathy. (I) reduces the

CC contonly reduces the formation of neurotoxic aggregates but also have the

CC ability to reduce the neurotoxicity of performed A-beta fibrils. The

CD present sequence represents a beta-AP peptide, which is used in the

CC exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Amyloid modulator compound useful for treatment of an amyloidogenic disease such as Alzheimer's disease comprises an aggregation core domain and a modifying group attached to it.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Hundal A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              n H, Garnick MB, Gefter ML, Hunda
Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Example 11; Col 63; 54pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (PRAE-) PRAECIS PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , Benjamin H,
Musso G, Sign
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WPI; 2002-146668/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Findeis MA,
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Sequence 5 AA;

Sequence 5 AA

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Synthetic.
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                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                              RESULT 37
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                                                                                                                                                                                                                                                                                                   amyloid targeting molety, a linker molety and alabelling scene computation and amyloid cargeting molety, A linker molety and a labelling molety. The agent is of general formula A t-(A l n k) z-A l a b (1) where z = 0 - 1; A = a labelling molety, A l = a linker molety; and A l a b = a labelling molety. Also included are imaging amyloid deposition or diagnosing an amyloid-related condition in a patient involving administering (1) to the patient, and ultrasound imaging (1) in the patient, and ultrasound imaging (1) in the patient to determine the presence of amyloid or amyloid-related condition; and a kit for preparing a radiopharmaceutical preparation comprising (1), a reducing agent, a biffering agent, a transchelating agent, and instructions for the preparation and use of the radiopharmaccutical in the imaging of amyloid deposition and for diagnosing an amyloid related condition. The agents are used for imaging amyloid deposition and for diagnosing an amyloid related condition e.g. Creutzfeldt-Jakob disease (CuD), kuru, transmissible cerebral amyloidoses (transmissible virus dementias), familial CuD, scrapie, transmissible mink encephalopathy, bovine spongiform
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The invention relates to an amyloid-targeting imaging agent comprising an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New amyloid-targeting imaging agents useful for in vivo imaging amyloid plaques and/or for the treatment of amyloidosis disorders.
                                       Gaps
                                                                                                                                                                                                                                                                    transmissible cerebral amyloidosis; transmissible virus dementia; scrapie; transmissible mink encephalopathy; BSE; type II diabetes; bovine spongiform encephalopathy; inflammation associated amyloid; primary amyloidosis; feline spongiform encephalopathy;
                                                                                                                                                                                                                                                                                                                        Alzheimer's disease; prion-mediated disease; blood-brain barrier; dialysis-related amyloidosis; light chain-related amyloidosis; cerebral amyloid angiopathy.
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                                                                                                                                                                                                                                                            Amyloid; imaging agent; Creutzfeldt-Jakob disease; Kuru; CJD;
            Length 5;
                                    0; Indels
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          Score 19; DB 5; I
Pred. No. 1.8e+06;
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                                    0; Mismatches
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                                                                                                                                                     AAU96825 standard; peptide; 5 AA
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          100.0%;
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24-JUL-2001; 2001US-00915092.
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                                    4; Conservative
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          Query Match
Best Local Similarity
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                                                              1 KLVF 4
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encephalopathy (BSE), inflammation-associated amyloid, type II diabetes, primary amyloidosis, feline spongiform encephalopathy, non-transmissible ecebral amyloidosis, Alzheimer's diseases, prion-mediated diseases, disease, related amyloidosis, Ilight chain-related amyloidosis, cerebral amyloid angiopathy. The agents are capable of crossing the blood-brain paraies and are capable of binding specifically to amyloid plaques. The agent sequence is a peptide forming the amyloid targeting moiety of the agent of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The invention relates to an amyloid-targeting imaging agent comprising an amyloid targeting moiety, a linker moiety and a labelling moiety. The spent is of general formula \mathbf{A}_{-}(-\mathbf{A}_{-}\mathbf{l}_{-}\mathbf{k})^2 - \mathbf{A}_{-}\mathbf{l}_{-}\mathbf{k} in where \mathbf{z} = 0 - 1; \mathbf{A}_{-}\mathbf{l}_{-}\mathbf{k} is an amyloid targeting moiety, \mathbf{A}_{-}\mathbf{l}_{-}\mathbf{l}_{-}\mathbf{k} in \mathbf{k}_{-}\mathbf{l}_{-}\mathbf{l}_{-}\mathbf{k} in a patient moiety, and \mathbf{A}_{-}\mathbf{l}_{-}\mathbf{l}_{-}\mathbf{k} alabelling moiety, Also included are imaging amyloid deposition or administering an amyloid-related condition in a patient involving administering (I) to patient of amyloid or amyloid-related condition patient to determine the presence of amyloid or amyloid-related condition
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/note= "Preferably D-form residue"
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100.0%; Pred. No. 1.8e+06;
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24-JUL-2001; 2001US-00915092.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4; Conservative
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Best Local Similarity
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i, and a kit for preparing a radiopharmaceutical preparation comprising (I), a reducing agent, a buffering agent, a transchelating agent, and instructions for the preparation and use of the radiopharmaceutical in the imaging of amyloid or an amyloid-related condition. The agents are used for imaging amyloid deposition and for diagnosing an amyloid related condition e.g. Creutifeld-Jakob disease (CDI), kuru, transmissible cerebral amyloidoses (transmissible wirus dementias), familial CDD, scrapie, transmissible mink encephalopathy, bovine spongiform encephalopathy (BSE), inflammation-associated amyloid, type II diabetes, primary amyloidosis, feline spongiform encephalopathy, non-transmissible cerebral amyloidosis, feline spongiform encephalopathy, non-transmissible cerebral amyloidosis, light chain-related amyloidosis, cerebral amyloid angiopathy. The agents are capable of crossing the blood-brain amyloid angiopathy. The agents are capable of crossing the blood-brain aperies are capable of crossing the blood-brain present sequence is a peptide forming the amyloid targeting moiety of the present of the invention
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Transglutaminase inhibitor; Factor XIII inhibitor; XIIIa inhibitor; ophthalmological; antinflammatory; antirheumatic; antiarthritic; thrombolytic; neuroprotective; nootropic; antiseborrheic; dermatological; cytostatic; anti-HIV; antipsoriatic; cataract; inflammatory disease; arthritis; thrombosis; Alzheimer's disease; Huntington's chorea; acne; cancer; HIV infection; psoriasis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      This invention describes novel amino acid or peptide derivatives or analogues (I), containing a modified side-chain (e.g. containing a formyl group) which are transglutaminase inhibitors and Factor XIII/XIIIa inhibitors. The products of the invention have ophthalmological, antiinflammatory, antirheumatic, antiarthritic, thrombolytic,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABB84001 standard; peptide; 5 AA.
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Best Local Similarity
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cartiviticetizet, incuring activity. (1) are transglutaminase inhibitors, captured activity. (2) are transglutaminase inhibitors, captured activity. (3) are transglutaminase inhibitors, captured in and/or alpha 2-plasmin inhibitor), incorporation of primary amines in proteins and peptides, hydrolysis of the gamma-captoxamido group of glutamine residues bound in proteins or peptides, blood factor XII/XXIII and mammalian, human, tissue, liver, brain, eye lens, keratinocyte, epidermal, protetate, plant, parasitic and/or bacterial transglutaminases. The products of the invention can be used to transglutaminases. The products of the invention can be used correct activities, thrombosis, Alzheimer's disease, Huntington's chorea, cancer (by induction of apoptosis), HIV infections and psoriasis. (1) Are targeted and specific transglutaminase inhibitors, which can inhibit a specific type of transglutaminase in the human or animal body without affecting other transglutaminases. ABB84001-ABB84049 represent transglutaminase in the method of the invention
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Inhibiting cerebral amyloid angiopathy used for treating e.g. Alzheimer's disease comprises contacting blood vessel wall cell with amyloid-beta 40
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neuroprotective, nootropic, antiseborrheic, dermatological, cytostatic
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100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
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Best Local Similarity 100.
Matches 4; Conservative
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ABB82632 standard; peptide; 5 AA.

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(first entry)

04-FEB-2003

ABB82632;

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                                                                                                                                                                                                                                                                                                                                     used as carrier for the amyloid-beta40 (Abeta40) inhibitor.
                                                                                                           Gaps
was used in the invention to treat a disease state characterised by cerebral amyloid angiopathy (CAA)
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                                                                                                       Indels
                                                                         Score 19; DB 5; Length
Pred. No. 1.8e+06;
0; Mismatches 0; Indel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
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                                                                                                                                                                                                                                            AAU11663 standard; peptide; 5 AA.
                                                                         h 100.0%;
Similarity 100.0%;
4; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 22-DEC-2000; 2000WO-IB002078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              99US-0171877P
                                                                                                                                                                                                                                                                                                       (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gervais F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2002-075222/10.
                                                                                        Best Local Similarity
Matches 4; Conserv
                                                                                                                                     1 KLVF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WO200185093-A2
                                               Sequence 5 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5 AA;
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Modified-site
                                                                                                                                                                                                                                                                                                                                  Peptide #16,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              23-DEC-1999;
                                                                                                                                                                                                                                                                                                      09-APR-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                             Synthetic.
                                                                                                                                                                                                                                                                        AAU11663;
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                                                                           Query Match
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The invention relates to a peptide (I) inhibiting fibrillogenesis, that comprises a beta-strand with two faces, where the first face has hydrogen bonds, and the second face blocks or disrupts propagation of hydrogen combined and the second face blocks or disrupts propagation of hydrogen bonding between beta-strands needed to form fibrils. (I) is useful for inhibiting fibrillogenesis, for detecting fibrils in a subject and for composition comprising (I) is useful for inhibiting associated with pathological states such as Alzheimer's disease, composition comprising (I) is useful for inhibiting or diseasembling fibrils associated with pathological states such as Alzheimer's disease, composition comprising, familial Mediterranean fever, familial amyloid neptropathy with utricaria and deafenss, Muckle-Wells syndrome, composition macroglobulinemia-associated myeloma, familial amyloid cardiomyopathy, isolated cardiac amyloid polymeuropathy, familial amyloid cardiomyopathy, isolated cardiac amyloid polymeuropathy, familial amyloid cardiomyopathy, isolated cardiac amyloidosis, hereditary cerebral haemorthage with amyloidosis, familial canyloidosis, hereditary cerebral haemorthage with amyloidosis, familial canyloidotic polymeuropathy, scrapie, Creutzfeldt-Jakob disease, Gerefmann Straussler-Scheinker syndrome, bovine spongiform encephalitis, prionsediated diseases, or Huntingfon's disease. (I) is useful for treating a subject which is a mammal, preferably human, having protein aggregation disease or protein misfolding disease. The composition is useful in both preventive and curative therapies of fibril based pathologies mentioned above. The present sequence represents a peptide from the core domain of beta-amyloid, and can inhibit Abeta fibrillogenesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Novel peptide for inhibiting fibrillogenesis, and for screening fibrillogenesis inhibitors, has beta-strand with one face having hydrogen bonds and other face blocking propagation of hydrogen bonding between
                                                                                                                                                                      Abeta; beta-amyloid; fibrillogenesis; fibril; nootropic; neuroprotective;
                                                                                                                                                                                              cerebroprotective; haemostatic; antipyretic; nephrotropic; vasotropic; dermatological; auditory; antidiabetic; cytostatic; antiinflammatory; antimicrobial; anticonvulsant; antidiabetic.
                                                                                                                          Abeta fibrillogenesis inhibitor peptide Ac Abeta16-22.
                                                                                                                                                                                                                                                                                                                                                                                                                        /note= "C-terminal CONH2"
                                                                                                                                                                                                                                                                                                                                                                         /note= "N-terminal AcNH"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Disclosure; Page 25; 151pp; English.
                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20-MAR-2001; 2001US-0277477P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20-MAR-2002; 2002WO-US008803
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (UYCH-) UNIV CHICAGO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Meredith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2003-040553/03.
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                                                                                                                                                                                                                                                                                                                                                    Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                 Modified-site
                                                                                                                                                                                                                                                                                        Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       beta-strands
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                26-SEP-2002.
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Gaps

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Indels

Length 5;

100.0%; Score 19; DB 5; Le 100.0%; Pred. No. 1.8e+06; iive 0; Mismatches 0;

4; Conservative

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Query Match Best Local Similarity Matches 4; Conserv

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invention
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The invention relates to a method for prevention and/or treatment of an all-D. amyloid-related disease which comprises administration of an all-D. amyloid-beta peptide. The method is used for preventing and/or treating calculated disease e.g. cerebral amyloid angiopathy, for altering serum levels of amyloid-beta in a mammal and angiopathy, for altering serum levels of amyloid-beta in a mammal and favours the clearance of solubbe amyloid-beta in a mammal. and the mammal, and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including in alternation and plaques. It is also used for treating appointly and arthritis, juvenile chronic arthritis, ankylosing spondylitis, psoriasis, psoriatic arthropathy, Reiter's syndrome, Adult Still's disease, Bechet's syndrome and Crohn's infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus infections (preferably leprosy, tuberculosis, bronchiectasis, decubitus ulcars, chronic pyelonephritis, oan also result in AA fibril amyloid deposits including Hodgkin's lymphoma, renal carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
                                                                  ö
                                                                                                                                                                                                                                                                                   All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis; cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyelonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Prevention and/or treatment of an amyloid-related disease e.g.
Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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                                       Length 5;
                                                                 0; Indels
                                       100.0%; Score 19; DB 6; L
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
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    .5
    /note= "D-form residues"

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                                                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                    AAE35444 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Claim 1; Page 59; 44pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29-MAY-2002; 2002WO-CA000763
                                                                                                                                                                                                                                        (first entry)
                                                                   4; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hebert L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPI; 2003-201269/19.
                                          Query Match
Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                                               Abeta peptide #15.
                                                                                                                                                                                                                                                                                                                                                                                                                                   Misc-difference 1
                                                                                            1 KLVF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WO200296937-A2
                   Sequence 5 AA;
                                                                                                                                                                                                                                                                                                                                                                                            Unidentified
                                                                                                                                                                                                                                      17-JUN-2003
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The invention relates to a method for prevention and/or treatment of an all-D-c amyloid-related disease which comprises administration of an all-D-amyloid-beta peptide. The method is used for preventing and/or treating calculated disease e.g. cerebral amyloid angiopathy, for altering serum levels of amyloid-beta in a mammal and angiopathy, for altering serum levels of amyloid-beta in a mammal and favours the clearance of soluble amyloid-beta in a mammal and caucing or inhibiting the formation of plaques. It is to the mammal; and reducing or inhibiting the formation of plaques. It is also used for treating AA (reactive) amyloid diseases including carburitis, ankylosing spondylitis, psoriasis, psoriatic arthropathy, arthritis, ankylosing spondylitis, psoriasis, psoriatic arthropathy, carburitis, and are also produced as a result of chronic microbial infections (preferably leprosy, tuberculosis, bronchiectasis, decubius culeers, chronic pyelonephritis, or lease, bronchiectasis, desease).

Certain malignant neoplasms can also result in AA fibril amyloid deposits
                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        All-D-amyloid-beta peptide; Alzheimer's disease; rheumatoid arthritis, cerebral amyloid angiopathy; amyloid disease; ankylosing spondylitis; psoriasis; Reiter's syndrome; Adult Still's disease; Bechet's syndrome; Crohn's disease; infection; leprosy; tuberculosis; carcinoma; nootropic; chronic pyslonephritis; osteomyelitis; Whipple's disease; vasotropic; Hodgkin's lymphoma; neuroprotective; bronchiectasis; ophthalmological; ulcer; antiinflammatory; cytostatic; uropathic; therapy.
                                                                                                                          Gaps
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Alzheimer's disease, comprises use of all-D-amyloid-beta peptides.
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                                                         Length 5;
                                                         Score 19; DB 6; I
Pred. No. 1.8e+06;
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                                                                                                                          0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                AAE35451 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Claim 1; Page 59; 44pp; English.
                                                             100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               29-MAY-2001; 2001US-00867847.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     29-MAY-2002; 2002WO-CA000763.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17-JUN-2003 (first entry)
                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gervais F, Hebert L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (NEUR-) NEUROCHEM INC
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                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Abeta peptide #22.
                                                                                                                                                                                                      KLVF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WO200296937-A2
Sequence 5 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAE35451;
                                                                                                                                     Matches
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RESULT 44 ABR43903

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The invention relates to a peptide inhibitor (ADF60931) of the aggregation of beta-amyloid protein (ADF60932). The peptide inhibitor has a C-terminus which is modified with hydrophilic ether groups having an amino group and a carboxyl group at the ends of the molecule (e.g., poly (aminoethoxy) ethoxylacatic acids). The C-terminally modified peptide inhibitor inhibits the aggregation of beta-amyloid protein (fibril formation), thereby preventing the death of neural cells. The inhibitor is useful in the prevention, treatment, and diagnosis of Alzheimer's disease. The present sequence represents the amino acid sequence of the C-terminally modified inhibitor of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Peptides whose carboxyl terminal is modified with hydrophilic groups, are useful as inhibitors for aggregation of beta-amyloid protein and are used in the treatment of Alzheimer's.
                                                                                                                                                                  Beta-amyloid protein; aggregation inhibitor; fibril formation inhibitor; peptide inhibitor; C-terminal modification; hydrophilic ether group; poly (aminoethoxy)ethoxyacetic acid; neural cell; Alzheimer's disease; nootropic; neuroprotective.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prion; PrPSC; prions protein; transmissible spongiform encephalopathy
                                                                                                                              C-terminally modified peptide inhibitor of beta-amyloid aggregation.
                                                                                                                                                                                                                                                                                                                                                         /note= "Linked to hydrophilic ether group such as poly(aminoethoxy)ethoxyacetic acid group"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pathologic modified prions-proteins PrPSC peptide #2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 19; DB 7; L
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (DOKU-) DOKURITSU GYOSEI HOJIN SANGYO GIJUTSU SO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Claim 1; SEQ ID NO 1; 4pp; Japanese.
                                                                                                                                                                                                                                                                                                                      Location/Qualifiers
      ADF60931 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADJ71329 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    08-MAR-2001; 2001JP-00065451.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           08-MAR-2001; 2001JP-00065451
                                                                                    (first entry)
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                          JP2002265382-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5 AA;
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Modified-site
                                                                                    12-FEB-2004
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                                                                                                                                                                                                                                                                             Synthetic
                                             ADF60931;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADJ71329;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             treating patients with Alimemer's disease, comprising multiple copies of a plaque-recognition peptide (Phe-Phe-Val-Leu-Lys), where all amino acids are the D-isomer. The compound interferes with formation of fibril from beta-amyloid peptide effecting an inhibition of disease process. It is useful for diagnosing and treating Alzheimer's disease in mammals, especially a human. The present sequence represents a beta-amyloid
including Hodgkin's lymphoma, renal carcinoma, carcinomas of gut, lung and urogenital tract, basal cell carcinoma and hairy cell leukaemia. The present sequence is an Abeta peptide used to illustrate the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Chemical compound for use in diagnosing or treating Alzheimer's disease, comprises multiple copies of a plaque-recognition peptide and is capable of crossing blood brain-barrier.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The invention relates to a chemical compound for use in diagnosing or
                                                                                                                                                                                        Gaps
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human.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APP770; Alzheimer's disease; plaque-recognition peptide; neuroprotective; fibril formation; beta-amyloid peptide;
                                                                                                                                                                                      Indels
                                                                                                                                               Length
                                                                                                                                             100.0%; Score 19; DB 6; I
100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Beta-amyloid binding peptide fragment.
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                                                                                                                                                                                                                                                                                                                                                                             ABR43903 standard; protein; 5 AA
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                                                                                                                                                                                        Conservative
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                                                                                                                                        Query Match
Best Local Similarity
Matches 4; Conserv
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Best Local Similarity
Matches 4; Conserv
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                                                                                                                                                                                                                                 4
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                                                                                                                                                                                                                                                                         KLVF
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                                                                                                      Sequence 5 AA;
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                                                                 invention
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Synthetic

RESULT 45 ADP60931

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Length 5; Indels

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17-JUN-2003, 2003US-00463729
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                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                     The present invention relates to a method for detecting pathologically altered prion proteins (PrPsc), which comprises incubating a test sample with a solid carrier to which an agent is able to bind, removing unbound proteins, and detecting proteins bound to the agent. The method is used to diagnose transmissible spongiform encephalopathies in live animals, even shortly after infection. The present sequence is a PrPsC peptide used to demonstrate the method of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Amyloidogenic protein; therapy; amyloidosis; familial amyloid polyneuropathy; cardiomyopathy; familial amyloid polyneuropathy; cardiomyopathy; cardiomyopathy; creutand semile amyloidosis; bovine spongiform encephalopathy; creutzfeldt-Jakob disease; Geretmann-Straussler-Scheinker syndrome; diabetes; insulinoma; myeloma; Sjogren's syndrome; familial mediterranean fever; urticaria; deafness; hereitary cerebral heemorrhage; haemodialysis; thyroid; renal amyloidosis; lysozyme-associated hereditary systemic amyloidosis; beta-amyloid peptide; human.
                                                                                                                                                                      Detecting pathological prions in live animals, useful for diagnosis of transmissible spongiform encephalopathy, using immobilized agent that binds to beta-sheets.
                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note= "Optionally N-terminal cholyl or N-acetyl neuraminyl or iminobiotinyl"
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                                                                                                                                 Krummrei
                                                                                                                                                                                                                                                                                                                                                  Length 5;
                                                                                                                                                                                                                                                                                                                                                                      0; Indels
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                                                                                                                                                                                                                                                                                                                                               Query Match
100.0%; Score 19; DB 8; L
Best Local Similarity 100.0%; Pred. No. 1.8e+06;
Matches 4; Conservative 0; Mismatches 0;
                                                                                                                                 Gabert J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human beta-amyloid long form peptide fragment #7
                                                                                                                                  Lehmann J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADJ64061 standard; peptide; 5 AA.
                                                                                                                                                                                                                     Claim 5; Page 10; 24pp; German.
                                                       04-JUL-2003; 2003WO-DE002249.
                                                                             04-JUL-2002; 2002DE-01030141.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (first entry)
                                                                                                                                 Engemann C, Hoeschler K,
                                                                                                  (PRIO-) PRIONTYPE GMBH
                                                                                                           (SCHL/) SCHLEUSSNER C.
                                                                                                                                                   WPI; 2004-108912/11.
            WO2004005920-A2.
                                                                                                                                                                                                                                                                                                                                                                                              1 KLVF 4
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                                                                                                                                                                                                                                                                                                                                                                                                                   KLVF 4
                                                                                                                                                                                                                                                                                                                              Sequence 5 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       08-JAN-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  06-MAY-2004
                                   15-JAN-2004
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 47
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The invention relates to amyloidogenic proteins or peptide fragments aggregation modulators. The invention is used for treating disorder associated with amyloidosis, particularly familial amyloid oblyneuropathy (C contents), isolated cardiac amyloid, systemic senile amyloidosis, corapie, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, c carapie, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, c carapie, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, c insulinoma, isolated atrial amyloidosis, idiopathic (primary) amyloidosis, myeloma or macroglobulinemia-associated amyloidosis, primary amyloidosis, familial Mediterranean Fever syndrome, reactive (secondary) amyloidosis, familial Mediterranean Fever and familial amyloid nephropathy with urticaria and deafness (Mucklemells syndrome), hereditary cerebral haemorrhage with amyloidosis of columnial crype, amyloidosis associated with long term haemodialysis, hereditary non-neuropathic systemic amyloidosis (familial amyloid sasociated with medullary carcinoma of Finnish type, amyloidosis associated with medullary carcinoma of Finnish type, amyloidosis associated with medullary carcinoma of Finnish type, amyloidosis associated myloidosis. The present sequence is beta-amyloid peptide fragment used amyloidosis. The present sequence is beta-amyloid peptide fragment used in the exemplification of the invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           New amyloidogenic protein aggregation modulators useful for treating disorder associated with amyloidosis e.g. familial amyloid polyneuropathy, Creutzfeldt-Jakob disease and adult onset diabetes.
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                                                                                                                                                                                                                                                                                     Hundal A;
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                                                                                                                                                                                                                                                                                     Garnick MB, Gefter ML, Hund
er ER, Wakefield J, Reed MJ;
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100.0%; Pred. No. 1.8e+06;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Example 12; SEQ ID NO 10; 52pp; English.
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                                                                                                                                                                                                                                                                                                                        Signer ER,
                              95US-00475579.
                                                                                                                                          04-OCT-2001; 2001US-00972475
95US-00404831
                                                                                                        96US-00617267
                                                                                                                                                                                                                   (PRAE-) PRAECIS PHARM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4; Conservative
                                                                                                                                                                                                                                                                                             Benjamin H,
                                                                                                                                                                                                                                                          Findeis MA, Bean, -... I. Musso G,
                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 2004-131767/13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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                                  07-JUN-1995;
27-OCT-1995;
14-MAR-1996;
   14-MAR-1995;
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WO2004052773-A2.
                                                               Unidentified
                                                                                                                   15-APR-2004.
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                                                                                                                                                                                                                                     Chromy B,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADP64923;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                        Klein W,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    셤
                                                                                                                                                                                                                                                                                                                                                                                                          The invention relates to amyloidogenic proteins or peptide fragments aggregation modulators. The invention is used for treating disorder aggregation modulators. The invention is used for treating disorder aggregation modulators. The invention is used for treating disorder associated with amyloidosis, particularly familial amyloid cardiomyopathy (Portuguese, Japanese and Swedish types), familial amyloid cardiomyopathy (Consish type), isolated cardiac amyloid, systemic senile amyloidosis, cardine amyloidosis, bovine spongiform encephalopathy, Creutzfeldt-Jakob disease, Gersmann-Straussler-Scheinker syndrome, adult onset diabetes, inclinoma, isolated atrial amyloidosis, idiopathic (primary) amyloidosis, myeloma or macroglobulinemia-associated myloidosis, primary localized cutaneous nodular amyloidosis, familial Mediterranean Fever syndrome, reactive (secondary) amyloidosis, familial Mediterranean Fever and familial amyloid nephropathy with urticaria and deafness (Mucklewells syndrome), hereditary cerebral haemorhape with mayloidosis of celandic type, amyloidosis associated with hong term haemodialysis, hereditary renal amyloidosis associated with hong term haemodialysis, casociated with medullary carcinoma of the thyroid, fibringen associated hereditary renal amyloidosis and lysozyme-associated hereditary systemic camyloidosis. The present sequence is beta-amyloid peptide fragment used in the content of the thyroid, fibringen associated amyloidosis.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                      New amyloidogenic protein aggregation modulators useful for treating disorder associated with amyloidosis e.g. familial amyloid polyneuropathy, Creutzfeldt-Jakob disease and adult onset diabetes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
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                                                                                                                                                                                                                                                                                   Musso G, Signer ER, Wakefield J, Reed MJ;
                                                                                                                                                                                                                                                                        Gefter ML,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 19; DB 8; 1
Pred. No. 1.8e+06;
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100.0%; Pred. No. 1.8
tive 0; Mismatches
                                                             /note= "N-terminal cholyl"
                                                                                                                                                                                                                                                                                                                                                                                      Example 11; SEQ ID NO 37; 52pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 the exemplification of the invention
                                                                                                                                                                                                                                                                        Garnick MB,
                                     Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Amyloid beta protein fragment #1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADM97741 standard; peptide; 5 AA
                                                                                                                                                                 14-WAR-1995; 95US-00404831.
07-UIN-1995; 95US-00475579.
27-OCT-1995; 95US-00548998.
14-WAR-1996; 96US-00517267.
04-OCT-2001; 2001US-00972475.
                                                                                                                                        17-JUN-2003; 2003US-00463729
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                                                                                                                                                                                                                                             PRAE-) PRAECIS PHARM INC
                                                                                                                                                                                                                                                                        Benjamin H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4; Conservative
                                                                                                                                                                                                                                                                                                              WPI; 2004-131767/13.
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Best Local Similarity
Matches 4; Conserv
                                                                                     US2004005307-A1.
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                                              Modified-site
              Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                01-JUL-2004
                                                                                                                08-JAN-2004
                                                                                                                                                                                                                                                                     Findeis MA,
                                                                                                                                                                                                                                                                                    Кавшап L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADM97741;
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8848488
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The present invention relates to a new pharmaceutical composition comprising amyloid beta-derived diffusable ligands (ADDLs) capable of generating an immune response in a host organism, where the composition is a vaccine or a component of a vaccine and where the ADDLs are antigenic, immunogenic or act as a binding molecule when the composition is administered to a host organism. The composition, vaccine or antibodies are useful in inducing an immune response. The composition, peptides, molecules and antibodies are useful in preventing or ameliorating Alzheimer's disease, memory and learning deficits, down's syndrome. The present sequence is a polypeptide shown in the exemplification of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New amyloid beta-derived diffusable ligands, useful in generating an immune response and in preventing, ameliorating or treating Alzheimer's disease, memory and learning deficits, degeneration or malfunction of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           spherical nanostructure; tubular nanostructure; field emitter device; nanoscale environment; electron emission lithography; memory cell; mechanical transmission device; electronic inverter; heat transfer device; electron emission; beta-amyloid; central aromatic core structure; nanotube self-assembly; Alzheimer's disease; beta-amyloid core recognition element.
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immunostimulant; neuroprotective; nootropic; Alzheimer's disease; Down's syndrome; vaccine; amyloid beta; ADDL; amyloid beta-derived diffusable ligand.
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100.0%; Pred. No. 1.8e+06;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gong Y, Viola K,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Disclosure; Page 41; 176pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADP64923 standard; protein; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Chang L,
                                                                                                                                                                                                                                                                                                                                                                   01-OCT-2003; 2003WO-US030930.
                                                                                                                                                                                                                                                                                                                                                                                                                                          01-OCT-2002; 2002US-0415074P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     neurons or Down's syndrome
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (NOUN ) UNIV NORTHWESTERN.
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Summa D;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2004-330196/30.
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                                                                                                                                                                                                               WO2004031400-A2.
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The present invention describes a tubular of spherical nanostructure composed of peptides including no more than 4 aromatic or polyaromatic amino acids. Also described: [1] a method of generating a tubular or spherical nanostructure; [2] a field emitter device; [3] a device for obtaining information from a nanoscale environment; (4) an apparatus for electron emission lithography; (5) a memory cell; (6) a mechanical transfer device; (7) an electronic inverter having a first switching device and a second switching device; (8) a composition; (9) a heat transfer device; (10) a method of emitting electrons; and (11) a method of containing information from a nanoscale environment. The nanostructure can be used in a field emitter device; a device for obtaining information from a nanoscale environment, an apparatus for electron emission continuation from a matrix-containing composition. It is used in electronic inverter, and a matrix-containing composition. It is used in electronic inverter, and a matrix-containing composition. It is used in continuation, grabbing and/or in manipulating nanoscale objects, and manostructure is highly robust under extreme pH and temperatures. It enhances electromagnetic fields near ultra small metal objects; The use of nanostructure is highly robust under extreme pH and temperatures. The nanostructure is sights in electronic device allows operation at low gate voltage and enables the switching of several individual devices on the same substrates. The present sequence allows operation at low gate voltage and enables the switching of several individual devices on the same substrates. The present sequence represents a beta-amyloid central aromatic core structure amino acid sequence, which is used in an example from the present invention for the ananostucture is beta-amyloid central appearancy beta-amyloid central appearancy beta-amyloid central appearancy beta-amyloid central environment in a constant of the several invention for the ananostucture, as beta-amyloid central amyloid core recog
                                                                                                                                                                                                                                                                                                                                                                                            Tubular of spherical nanostructure for e.g. use in obtaining information from nanoscale environment, is composed of peptides including aromatic or
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100.0%; Score 19; DB 8; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.88+06;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                    (UYRA-) UNIV RAMOT AT TEL AVIV LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Example 1; Fig 9a; 94pp; English.
                                                                          09-DEC-2003; 2003WO-IL001045.
                                                                                                                                   09-DEC-2002; 2002US-0431709P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                        polyaromatic amino acids.
                                                                                                                                                                                                                                                                                                                                         WPI; 2004-480855/45.
                                                                                                                                                                                                                                                                                Reches M, Gazit E;
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                          24-JUN-2004.
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Search completed: March 9, 2005, 06:27:34 Job time : 43.6301 secs

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0; Gaps



us-10-009-122-6.rai

Sequence 27, Appl Sequence 30, Appl Sequence 31, Appl Sequence 8, Appl Sequence 9, Appli Sequence 31, Appl Sequence 43, Appl Sequence 5, Appli Sequence 15, Appli		Sequence 6, Appli Sequence 7, Appli Sequence 1, Appli Sequence 28, Appli Sequence 8, Appli Sequence 8, Appli Sequence 9, Appli Sequence 1, Appli Sequence 1, Appli	TOXICITY 54
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		56 19 58 19 58 19 60 19 61 19 62 19 63 19 64 19 65 19 78 RESULT 1	Sequence Patent P
Ltd. e 10.6849 Seconds lignments) lion cell updates/sec		OMB.pep:* OMB.pep:* OMB.pep:* OMB.pep:* S. COMB.pep:* [fles1.pep:* cted by chance to have a of the result being printed, score distribution. Description	Sequence 17, Appli Sequence 25, Appli Sequence 26, Appli Sequence 16, Appli Sequence 15, Appli Sequence 16, Appli Sequence 20, Appli Sequence 26, Appli Sequence 26, Appli Sequence 26, Appli Sequence 10, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 16, Appli Sequence 16, Appli Sequence 16, Appli Sequence 17, Appli Sequence 18, Appli Sequence 18, Appli Sequence 11, Appli Sequence 21, Appli Sequence 21, Appli Sequence 24, Appli
GenCore version 5.1.6 yright (c) 1993 - 2005 Compugen Ltd. search, using sw model (without alignments) 27.946 Million cell	o, Gapext 0.5 gs, 74649064 residestying chosen para	ta/1/iaa/5A C ta/1/iaa/5B C ta/1/iaa/6B C ta/1/iaa/6B C ta/1/iaa/bcTU ta/1/iaa/bcTU te/the score of the total SUMMARIES	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Copyright OM protein - protein search Run on: March 9, 2	Title: Perfect score: 19 Sequence: 1 KLVP 4 Scoring table: BLOSUM62 Gapop 10.0, Searched: 513545 seqs, Total number of hits satisfyi Minimum DB seq length: 0 Maximum DB seq length: 200000 Post-processing: Minimum Matc. Post-processing: Minimum Matc. Listing firs	Database : Issued Patents 1 / cgn2_6/ptod 2: /cgn2_6/ptod 3: /cgn2_6/ptod 4: /cgn2_6/ptod 5: /cgn2_6/ptod 6: /cgn2_6/ptod 6: /cgn2_6/ptod 6: /cgn2_6/ptod main is the number of score greater than or equal and is derived by analysis Result Query No. Score Match Length DB	1199 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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Sequence 25, Application US/09095106A
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US-69-747-408-14
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                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 175. Application US/08664379B
Sequence No. 6034211
GENERAL INFORMATION:
APPLICANT: Kelly, Jeffery W.
TITLE OF INVENTION: 'BETA-SHEET NUCLEATING PEPTIDOMIMETICS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
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REGISTRATION NUMBER: 29,066
REPERENCE/DOCKET NUMBER: 08435/003001
TELECOMMUNICATION INFORMATION:
TELEPAX: 617-542-6970
TELEFAX: 617-542-896
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 4 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: DOS.O.

STATE: MA
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FASESEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/664,379B
FILING DATE: 14-JUN-1996
PRICOR APPLICATION NUMBER: 60/018,925
FILING DATE: 03-JUN-1996
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
               (414) 277-5709
                              TELEPAX: (414) 271-3552
INFORMATION POR SEG ID NO: 5
SEQUENCE: CHARACTERISTICS:
LENGTH: 4 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , MOLECULE TYPE: peptide US-08-664-379B-17
                                                                                                  TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
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3Y: linear
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CITY: Boston
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               TELEPHONE:
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RESULT 3 US-09-095-106A-25

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                                APPLICANT: INASLUND, Jan
APPLICANT: THYBERG, Johan
APPLICANT: TJERNBERG, Lars O.
APPLICANT: TJERNBERG, Lars O.
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
FILE REFERENCE: 000500-124
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APPLICANT: Grevais, Francine
APPLICANT: Grevais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating;
TITLE OF INVENTION: Cerebral Amyloid Angiopathy;
TITLE OF INVENTION: Cerebral Amyloid Angiopathy;
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1005: 24
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 19; DB 3; Length 4; Pred. No. 4.1e+05; Mismatches 0; Indels
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GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Geresis, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 19; DB 4; L
100.0%; Pred. No. 4.1e+05;
tive 0; Mismatches 0;
                                                                                                                                                                          FILE REFACENCE: VOUCE-14.
CURRENT PELICATION NUMBER: US/09/095,106A
CURRENT FILING DATE: 1998-06-10
PRIOR PELING DATE: 1995-12-29
PRIOR FILING DATE: 1995-12-29
PRIOR FILING DATE: 1996-12-09
PRIOR FILING DATE: 1996-12-09
PRIOR FILING DATE: 1996-12-09
ROWERS OF SEQ ID NOS: 44
SOFTWARE: Ratentin Ver. 2.0
LENGTH: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-747-408-6
; Sequence 6, Application US/09747408
; Patent No. 6670399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0%;
Matches 4; Conservative 0
GENERAL INFORMATION:
APPLICANT: NORDSTEDT, Christer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4; Conservative
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, ORGANISM: Homo sapiens
US-09-747-408-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Amyloidosis
US-09-095-106A-25
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Best Local Similarity
Matches 4; Conserv
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Length 5;
                                                                                                                                                          Sequence 10, Application US/08612785B
; Setent No. 5854204
; GENERAL INFORMATION:
APPLICANT: APPLICANT: APPLICANT: TITLE OF INVENTION: ASTRONAMENT AS PRESENT AS TITLE OF INVENTION: ASTRONAMENT AS TITLE OF INVENTION: ASSET AS TITLE OF INVENTION: AS TITLE OF INVENTION: ASSET AS TITLE OF INVENTION: ASSET AS TITLE OF INVENTION: AS TITLE OF INVENTIONAMENT OF INVENTIONAME
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Patent No. 6022859
GENERAL INFORMATION:
APPLICANT: Murphy, Regina M.
TITLE OF INVENTION: INHIBITORS OF BETA-AMYLOID TOXICITY
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSER: ADDRESSER:
ADDRESSER: ADDRESSER:
STREET: 411 East Wisconsin Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
CLASSIFICATION: 514
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APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
FILING DATE: 07-JUN-1995
FILING DATE: 07-JUN-1995
FILING DATE: 07-JUN-1995
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECONLY, GIULIO A.
REFISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: 31,503
REFERENCE/DOCKET NUMBER: 91,503
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEB: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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TELEPHONE: (61/)242-4214
TELEPHONE: (617)742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
4; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: DUALCE CALLECTION
COUNTRY: United States of America
COUNTRY: United States of America
COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4" diskette
COMPUTER: Wang PC
COMPUTER: Wang PC
COMPUTER: Mang PC
CLASSIFICATION DATA: NO. 5470951e
ATTORNEY/AGENT INFORMATION:
NAME: Irons, Edward S.
REGISTRATION NUMBER: 16,541
REPERBRICE/DOCKET NUMBER: 16,541
REPERBROCK POCKET NUMBER: 16,541
REPERBROCK POCKET NUMBER: 16,541
REPERBROCK POCKET NUMBER: 16,541
REPERBROCK POCKET NUMBER: 16,541
RELECHMUNICATION INFORMATION:
TELLECOMMUNICATION INFORMATION:
TELLECOMPUTER: (202) 73.3.6040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Method For Antagonizing
TITLE OF INVENTION: Method For Antagonizing
TITLE OF INVENTION: Amnestic Effects of Amyloid n
TITLE OF INVENTION: Protein and Improving the
TITLE OF INVENTION: Quality of Life in Individuals
TITLE OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 19; DB 1; L
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                     CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO.14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 15, Application US/08127904
Patent No. 5470951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: City of Hope
1500 East Duarte Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  paservative
FILE REFERENCE: NBI-088
                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches A; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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STATE: Califo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS
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US-08-127-904-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Solomon, Michael E.
APPLICANT: Rich, Daniel H.
TITLE OF INVENTION: Cyclosporin A Conjugates and Uses Therefor FILE REFERENCE: Cyclosporin Analogs
CURRENY APPLICATION NUMBER: US/09/242,724
CURRENY FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 33
SSCTWARE: Patentin Ver. 2.0
SEQ ID NO 25
LENGTH: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 5;
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100.0%; Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 19; DB 3; 100.0%; Pred. No. 4.1e+05
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                                                       NAME: Kara, Catherine J.

REGISTRATION NUMBER: 41,106
REFERENCE/DOCKET NUMBER: PPI-016CP2
TELECOMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 25, Application US/09242724
Patent No. 6316405
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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Best Local Similarity luv...
4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-703-675C-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: :
                                                                                                                                                                                                                                                                                                                                               amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 4; Conserv
FILING DATE:
ATTORNEY/AGENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-242-724-25
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US-08-703-675C-46
i Sequence 46, Application US/08703675C
j Patent No. 6303567
i GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TILLE OF INVENTION:
ONNERS OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSPEN: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                    COUNTRY: U.S.A.

ZIP: 53202-4497

COMPUTER READBLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OOPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,833
FILING DATE:
CLASSIFICATION: 530
ATYONEY/AGENT INFORMATION:
NAME: BAKET JOHN NUMBER: 35,433
REGISTRATION NUMBER: 35,433
REGISTRATION INFORMATION:
TELEPAK: (414) 277-5709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PATENTIN PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 27-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 07-AUN-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 10-MARA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 27-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FRIING DATE: 12-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FRIENG DATA:
APPLICATION NUMBER: USSN 08/548,998
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STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                   Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 4; Conserv
Milwaukee
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Sequence 37, Application US/08617267C
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; NAME/KEY: MOD_RES
; LOCATION: (1)*
; OTHER INFORMATION: ACETYLATION; K(2C1-Cbz) =
; OTHER INFORMATION: 2-chlorobenzyloxycarbonyl-protected lysine
US-09-242-724-26
                                                                                                                                                                                                                                                                                                                                                                        Sequence 10, Application US/08617267C
Sequence 10, Application US/08617267C
Patent No. 6319498
GENERAL INFORMATION: Modulators of Amyloid Aggregation
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF ERQUERNES: 45
CORRESPONDENCE ADDRESS: 5
STREET: 28 State Street
CITY: Boston
STREET: 28 State Street
CITY: Boston
STREET: Wassachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATE:
FILING DATE: 14-MAR-1995
FRIOR APPLICATION DATE: 4-MAR-1995
FRIOR APPLICATION DATE: 4-MAR-1995
FRIOR APPLICATION DATE: 4-MAR-1995
FRIOR APPLICATION DATE: 105-UN-1995
FRIOR APPLICATION NUMBER: USSN 08/475,579
FRIOR APPLICATION DATE: 17-COT-1995
FRIOR APPLICATION NUMBER: USSN 08/548,998
FRIUNG DATE: 27-COT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECONT, GIULIO A.
REFERENCE/DOCTT, MINNER: PPT-002CP2
REFERENCE/DOCTT, MINNER: PPT-002CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      h Similarity 100.0%; Score 19; DB 3; Length 5; Similarity 100.0%; Pred. No. 4.1e+05; 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                      100.0%; Score 19; DB 3; Length 5; 100.0%; Pred. No. 4.1e+05;
                                                                                                                                                                                  0; Indels
                                                                                                                                                                                     0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (617) 227-7400
                                                                                                                                                         Best Local Similarity 100.
Matches 4; Conservative
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MOLECULE TYPE: peptide
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Best Local Similarity
Matches 4; Conserv
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                                                                                                                                         Query Match
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RESULT 13 US-08-617-267C-37

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Gaps
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APPLICANT: NASLUND, Jan
APPLICANT: THYBERG, Johan
APPLICANT: THYBERG, Jars O.
APPLICANT: TERNBERG, Lars O.
APPLICANT: TERRUUS, Lars TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
FILE REFERENCE: 000500-124
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Patent No. 6319498
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/617,267C

FILING DATE: 14-MAR-1996

PRIOR APPLICATION NUMBER: USSN 08/404,831

FILING DATE: 14-MAR-1995

PRIOR APPLICATION NUMBER: USSN 08/475,579

FILING DATE: 10-MAR-1995

PRIOR APPLICATION NUMBER: USSN 08/475,579

FILING DATE: 07-JUN-1995

PRIOR APPLICATION NUMBER: USSN 08/548,998

FILING DATE: 27-07-1995

ATTORNEY/AGENT INFORMATION:

NAME: DECORT! Giulio A.

REGISTRATION NUMBER: 31,503

REFERENCE/DOCKET NUMBER: PPI-002CP2

TELECOMMULICATION INFORMATION:

TELECOMMULICATION INFORMATION:

TELECOMMULICATION INFORMATION:

TELECOMMULICATION INFORMATION:

TELEPHONE: (617)227-7400
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                                                                                                                                                                ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                  COUNTY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 1, Application US/09095106A; Patent No. 6331440; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMENT (617)24-----
TELEPONA (617)22--5941
INFORMATION FOR SEQ ID NO: 3'
SEQUENCE CHARACTERISTICS:
"FNGTH: 5 amina acids
                                                                                                                                                                                          STREET: 28 State Stre
CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    amino acid
3Y: linear
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100.0%; Score 19; DB 4; I
100.0%; Pred. No. 4.1e+05;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
                                                                                                                                                                                                                                                                               RESULT 17
US-09-747-408-8
'Sequence 8, Application US/09747408
'Fatent No. 6670399
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Best Local Similarity 100.
Matches 4; Conservative
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CORGANISM: Homo sapiens
US-09-747-408-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
CORGANISM: Homo sapiens
US-09-747-408-8
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-43
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Sequence 19, Application US/09095106A
Setent No. 6331440
GENERAL INFORMATION;
APPLICANT: NORDSTEDT, Christer
APPLICANT: NORDSTEDT, Christer
APPLICANT: THYBERG, Johan
APPLICANT: THYBERG, Johan
APPLICANT: TERRING, Johan
APPLICANT: TERRINGS, Lars O.
TITLE OF INVERTION PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
FILE REPERENCE: 000500-124
FILE REPERENCE: 000500-124
CURRENT APPLICATION NUMBER: US/09/095,106A
CURRENT PILLING DATE: 1998-06-10
FRIOR FILLING DATE: 1998-12-09
PRIOR FILLING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 19
LENGTH: 5
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US-09-095-106A-43
; Sequence 43. Application US/09095106A
; Patent No. 6331440
; GENERAL INFORMATION:
; APPLICANT: NORDSTEDT, Christer
; APPLICANT: THYBERG, Johan
; APPLICANT: THYBERG, Johan
; APPLICANT: THYBERG, Johan
; APPLICANT: TERENIUS, Lars 0.
; TILLE REFERENCE: 000500-124
; CURRENT FILING DATE: 1999-06-10
; PRIOR APPLICATION NUMBER: US/09/095,106A
; CURRENT FILING DATE: 1998-12-29
; PRIOR APPLICATION NUMBER: PCT/SE96/01621
; PRIOR PILING DATE: 1996-12-29
; PRIOR FILING DATE: 1996-12-09
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100.0%; Score 19; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                               Length 5;
                                                                                                                                                                                                    0, Indels
                                                                                                                                                                                    . 4.1e+05;
                                                                                                                                                               DB 3;
                                                                                                                                                             100.0%; Score 19; DB
100.0%; Pred. No. 4.1
Live 0; Mismatches
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; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 43
    NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
                                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-19
                                                                                TYPE: PRT; ORGANISM: Amyloidosis
US-09-095-106A-1
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APPLICANT: Green, Allan M.
APPLICANT: Geren, Allan M.
APPLICANT: Geren, Allan M.
APPLICANT: Geren, General M.
APPLICANT: Geren, General M.
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: US/09/747,408
CURRENT APPLICATION NUMBER: 00/0-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NOS: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-747-408-16

Sequence 16, Application US/09747408

Sequence 16, Application US/09747408

BENERAL NUFORMATION:

APPLICANT: Green, Allan M.

TITLE OF INVENTION: Compounds And Methods For Modulating;
TITLE OF INVENTION: Cerebral Amyloid Angiopathy;
TITLE OF INVENTION: Cerebral Amyloid Angiopathy;
FILE REFERENCE: NBI-088

CURRENT APPLICATION NUMBER: US/09/747,408

CURRENT FILING DATE: 2000-12-22;
PRIOR FILING DATE: 2009-12-23;
PRIOR FILING DATE: 1000-12-22
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100.0%; Score 19; DB 4; Length 5;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
Query Match
100.0%; Score 19; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
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Patent No. 5854204
GENERAL INFORMATION:
TITLE OF INVENTION: APPLICART: Findels, Mark A. et al.
TITLE OF INVENTION: ABJECTION AND FEET APPLICANT: ADDRESS:
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: BOSTON
STATE: MASSECHUBETTS
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 19; DB 2; Length 6; 100.0%; Pred. No. 4.1e+05;
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                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYRE: RIPPY disk
COMPUTER READABLE FORM:
MEDIUM TYRE: Floppy disk
MEDIUM TYRE: BM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BAtentin Release #1.0, Version #1.25
SOGTWARE: Patentin Release #1.0, Version #1.25
SOGTWARE: Patentin Release #1.0, Version #1.25
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: 14-MAR.1995
RIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
RIING DATE: 07-JUN-1995
RIING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAMME: DeConti, Giulio A:
REGISTRATION NUMBER: P1.503
REFERENCE/DOCKET NUMBER: P1.503
REFERENCE/
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ZIP: 02109-1875

COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/612,785B
FILING DATE:
FILING DATE:
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28 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100...
4; Conservative
                                                                  STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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                                  Boston
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US-08-612-785B-9
                                                                                                 COUNTRY:
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APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: AD Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION:
PRIOR APPLICATION DATA: U. S. Application
PRIOR APPLICATION DATA: Serial No.
PRIOR APPLICATION DATA: Serial No.
PRIOR APPLICATION DATA: 08/127,904; filed
PRIOR APPLICATION DATA: 29 September 1993
ATTORNEY/AGENT INFORMATION:
NAME: Irons. Edward S.
REGISTRATION NUMBER: None
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 626-3564 or 783-6030
TELEPHONE: (202) 783-6031
                                                                                                                                                                                                                                                                                             Antagonizing Amnestic
Effects of Amyloid n
Protein and Improving
the Quality of Life
in Individuals
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    With Alzheimer Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4"
MEDIUM TYPE: 4 Mouble Density 5 1/4"
MEDIUM TYPE: 4 Mouble Density 5 1/4"
COMPUTER: 4 Mouble Density 5 1/4"
OPERATING SYSTEM: MS DOS Version 3.20
SOFTWARE: Microsoft
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/10475
FILING DATE: 16 September 1994
                                                                                                                                                                                                                                            TITLE OF INVENTION: Method For TITLE OF INVENTION: Method For TITLE OF INVENTION: Antagonizing Amnes TITLE OF INVENTION: Antagonizing Amnes TITLE OF INVENTION: Protein and ImprovITITLE OF INVENTION: the Quality of Liff TITLE OF INVENTION: with Alzheimer Dis NUMBER OF SEQUENCES: 15 CORRESPONDENCE ADDRESS: ADDRESSE: City of Hope STREET: 1500 East Duarte Road CITY: Duarte STATE: California COUNTRY: United States of America ZIP: 91010-0269
                                                                                                                                                         Sequence 15, Application PC/TUS9410475 GENERAL INFORMATION:
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Patent No. 5854204
                                                                                                                                                                                                                    Eugene Roberts
VENTION: Method For
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Best Local Similarity 100.
Matches 4; Conservative
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PCT-US94-10475-15
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Gaps
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OTHER INFORMATION: wherein Xaa at position 1 is Ornithine
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Sequence 19, Application US/08664379B

Septent No. 603421

GENERAL INFORMATION:
APPLICANT: Kelly, Jeffery W.
TITLE OF INVENTION: BETA-SHEET NUCLEATING PEPTIDOMIMETICS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 19; DB 3; Length 6; 100.0%; Pred. No. 4.1e+05; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 6;
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Similarity 100.0%; Pred. No. 4.1e+05;
4; Conservative 0; Mismatches 0;
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/664,379B
FILING DATE: 14-UNN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/018,925
FILING DATE: 03-UNN-1996
ATTORNEY, AGENT INFORWATION:
NAME: Freeman, John W.
REGISTRATION NUMBER: 29,066
REFERENCE/DOCKET NUMBER: 08435/00300
TELEPHONE: 617-542-5070
TELEPHONE: 617-542-5070
TELEPHONE: 617-542-8906
TELEPHONE: CANDANTION: CAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  08435/003001
    31:
                                                                                                                                                                                                                                                                            NAME/KEY: Modified site
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Best Local Similarity 100.
Matches 4; Conservative
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amino acid
GY: linear
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide
                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 02110-2804
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US-08-664-379B-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
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Sequence 31, Application US/08612785B

Patent No. 5654204

GENERAL INFORMATION:
APPLICANT:
TILLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Apgregation
NUMBER OF SEQUENCES:
ADDRESSED: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COMPTRY: Boston
STATE: Poston
STATE: Poston
COMPTRY: BOSTON
COMPTRE READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: ISM PC Compatible
COMPUTER: ISM PC Compatible
COMPUTER: Date: Ploppy disk
COMPUTER: BADABLE FORM:
MEDLUM TYPE: Ploppy disk
COMPUTER: DATE: Herewith
CLASSIFICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
FIL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 6;
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            APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
RRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UNW-1995
FRIDN APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-0CT-1995
ATTONENY,AGENT INFORMATION:
NAME: Deconti, Giulio A.
REGISTRATION NUMBER: 31,503
REPEREONICATION NUMBER: 31,503
REPERCOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (617)742-4114
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (617)742-4214
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Best Local Similarity 100.
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-612-785B-9
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                                                 ZIP: 02109-1875

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 27-AUG-1996
CLASSIFICATION: 514
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STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 27-AUG-1996
CLASSIFICATION: 514
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Patent No. 6303567
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of -Amyloid Peptide NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKPIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR.1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/616,081
FILING DATE: 14-MAR.1996
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 19; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Kara, Catherine J.
REGISTRATION NUMBER: 41,106
REFERNICE/DOCKET NUMBER: PPI-016CP2
TELECOMMUNICATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Massachusetts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 4; Conserv
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                                                                            Sequence 31, Application US/08703675C
Patent No. 6303567
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of -Amyloid Peptide 'NUMBER OF SEQUENCES: 46
CORRESSED ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                     STATE: Massachusetts
CONTRX: USA
ZIP: 02109-1875
COMPUTER: ELADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 27-AUG-1996
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APPLICANT: Findeis, Mark A. et al.
APPLICANT: Findeis, Mark A. et al.
TILLE OF INVENTION: Modulators of -Amyloid Peptide
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 19; DB 3; I
100.0%; Pred. No. 4.1e+05;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 21-AUG-1996
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
PRIOR APPLICATION NUMBER: USSN 08/616,081
FILING DATE: 14-MAR-1996
ATTORNEY AGENT INFORMATION:
NAME: KATA, CATHERING:
NAME: KATA, CATHERING:
REGISTRATION NUMBER: 41,106
REGISTRATION NUMBER: 41,106
REGISTRATION NUMBER: 41,106
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (617) 742-4214
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Best Local Similarity 100.
Matches 4; Conservative
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US-08-703-675C-32
                                                 US-08-703-675C-31
                                                                                                                                                                                                                                                                                                                                                                                 CITY: BOB
STATE: Ma
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: K(2C1-Cbz) = 2-chlorobenzyloxycarbonyl-protected OTHER INFORMATION: lysine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 30, Application US/09242724

Sequence 30, Application US/09242724

Sequence 30, Application US/09242724

Sequence 30, Application US/09242724

GENERAL INFORMATION:

APPLICANT: Solowon, Michael E.

APPLICANT: Rich, Daniel H.

TITLE OF INVENTION: Cyclosporin A Conjugates and Uses Therefor FILE REFERENCE: Cyclosporin Analogs

CURRENT APPLICATION NURSE: US/09/242,724

CURRENT FILING DATE: 1999-02-22

NUMBER OF SEQ ID NOS: 33

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 30

LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: polypeptide NAMES/KEY: MOD_RES LOCATION: (1) OTHER INFORMATION: ACETYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: polypeptide
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Solomon, Michael E.

APPLICANT: Rich, Daniel H.

TITLE OF INVENTION: Cyclosporin A Conjugates and Uses Therefor FILE REFERENCE: Cyclosporin Analogs
CURRENT APPLICATION NUMBER: US/09/242,724

CURRENT FILING DATE: 1999-02-22

NUMBER OF SEQ ID NOS: 33

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 27

LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 19; DB 3; Length 6; 100.0%; Pred. No. 4.1e+05; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 19; DB 3; Length 6; 100.0%; Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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Matches 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: MOD_RES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 KLVF 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-242-724-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ò
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i Sequence 24, Application US/09242724

i Patent No. 6316405

i APPLICANT: Sclomon, Michael E.

APPLICANT: Rich, Daniel H.

i TITLE OF INVENTION: Cyclosporin A Conjugates and Uses Therefor

FILE REFERENCE: Cyclosporin Analogs

CURRENT FILING DATE: US/09/242,724

CURRENT FILING DATE: 1999-02-22

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 24

LENGTH: 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; IOCATION: 6
OTHER INFORMATION: /note= Xaa is beta-alanyl US-08-703-675C-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 19; DB 3; Best Local Similarity 100.0%; Pred. No. 4.1e+05 Matches 4; Conservative 0; Mismatches 0
                          PRIOR APPLICATION NUMBER: USSN 08/404,831
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UTN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
APPLICATION NUMBER: USSN 08/616,081
FILING DATE: 27-OCT-1995
PRIOR APPLICATION DATA: APPLICATION DATE: APPLICATION NUMBER: USSN 08/616,081
FILING DATE: 14-MAR-1996
ATTORNER: KATA. CATHERING:
NAME: KATA. CATHERING:
REGISTRATION NUMBER: 41,106
REFERENCE/DOCKET NUMBER: PPI-016CP2
TELECHONE: (617)227-7400
TELECHONE: (617)227-7401
             USSN 08/404,831
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US-09-242-724-27
; Sequence 27, Application US/09242724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: Modified site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.
Best Local Similarity 100.
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
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US-09-242-724-24
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Sequence 33, Application US/09242724

Fatent No. 6316408

GENERAL INFORMATION:

APPLICANT: Solomon, Michael E.

APPLICANT: Rich, Daniel H.

TITLE OF INVENTION: Cyclosporin A Conjugates and Uses Therefor

FILE REFERENCE: Cyclosporin Analogs

CURRENT FILING NUMBER: US/09/242,724

CURRENT FILING DATE: 399-02-22

NUMBER OF SEQ ID NOS: 33

SSCTWARE: Patentin Ver. 2.0

SEQ ID NO 33

LENGTH: 6
                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: DESCRIPTION of Artificial Sequence: synthetic OTHER INFORMATION: polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) OTHER INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: polypeptide US-09-242-724-33
CURRENT APPLICATION: Cyclosporin A Conjugates and Uses Therefor; CURRENT APPLICATION NUMBER: US/09/242,724; CURRENT PILING DATE: 1999-02-22; NUMBER OF SEQ ID NOS: 33

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 31

LENGTH: 6

TYPEP: ...
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APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF INVENTION: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
CONNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 19; DB 3; I 100.0%; Pred. No. 4.1e+05; tive 0; Mismatches 0;
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Patent No. 6319498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 100.
Matches 4; Conservative
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TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
       CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/617,267C

PLING DATE: 14-MAR-1996

PRIOR APPLICATION NUMBER: USN 08/404,831

PILING DATE: 14-MAR-1995

PRIOR APPLICATION NUMBER: USN 08/475,579

PILING DATE: 10-MAR-1995

PRIOR APPLICATION NUMBER: USN 08/475,579

PILING DATE: 10-MAR-1995

PRIOR APPLICATION NUMBER: USN 08/475,579

PRIOR APPLICATION NUMBER: USN 08/48,998

PRIOR APPLICATION NUMBER: USN 08/548,998

PRIOR APPLICATION NUMBER: USN 08/548,998

PRIOR APPLICATION NUMBER: USN 08/548,998

PRIOR APPLICATION NUMBER: 13.503

REGISTRATION NUMBER: 31.503

REGISTRATION NUMBER: 31.503

REFERENCE/DOCKET NUMBER: PPI-002CP2

TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
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APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-WAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORWATION:
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100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: LAHIVE & COCKFIELD, LLP STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9, Application US/08617267C; Patent No. 6319498; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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MOLECULE TYPE: peptide
US-08-617-267C-8
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STATE: Massachusetts
COUNTRY: USA
OPERATING SYSTEM:
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Best Local Similarity
Matches 4; Conserv
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Best Local Similarity 100.0%; Pred. No. 4.1e+05; Matches 4; Conservative 0; Mismatches 0;
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STATE: Massachusetts
COUNTRY: USA
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Best Local Similarity
Matches 4; Conserv
                                                              1 KLVF 4
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US-08-617-267C-43
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US-09-095-106A-5
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Patent No. 6319498

GENERAL INFORMATION:

APPLICANT: Findeis, Mark A. et al.

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts
                                                                                                                                                                                                                                                  Length 6;
                                                                                                                                                                                                                                                                                       0; Indels
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MEDIUM TYPE: Floped disk

COMPUTER READABLE FORM:

MEDIUM TYPE: Floped disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

CONFUREN: APPLICATION DATA:

APPLICATION NUMBER: US/08/617,267C

FILING DATE: 14 *ARX-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/404,831

FILING DATE: 14 *ARX-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/475,579

FILING DATE: 07-40N-1995

PRIOR APPLICATION NUMBER: USSN 08/548,998

FILING DATE: Z7-CT-1995

ATTORNEY/AGENT INFORMATION:

NAME: DECORTÉ, GIULIO A.

REGISTRATION NUMBER: 31,503

REFERENCE/DOCKET NUMBER: PPI-002CP2

TELEPHONE: (617)227-1400
                                                                                                                                                                                                                                                  100.0%; Score 19; DB 3; L 100.0%; Pred. No. 4.1e+05;
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CTHER INFORMATION: /note= Xaa is beta-alanyl US-08-617-267C-31
        REFERENCE/DOCKET NUMBER: PPI-002CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                    TELEPAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Modified site
                                                                                                                                                                                                                                                                    Best Local Similarity 100.
Matches 4; Conservative
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                                                                                                                                                  TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                1 KLVF 4
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US-08-617-267C-31
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                                                                                                                                                                                                                                                        Query Match
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100.0%; Score 19; DB 3; Length 6;

Query Match

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  Indels
                                                                                                                                                                                                                        Sequence 43, Application US/08617267C
Patent No. 6319498
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Modulators of Amyloid Aggregation NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPRES CONTRES CONTRES CONTRES CONTRES CONTRES CONTRES CONTRES COMPUTER READABLE FORM:
MEDIUM TYPE: FROPRY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SUFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION DATA: 07-JUN 1995
PRIOR APPLICATION DATA: APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECORTI, GIULIO A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/09095106A
Patent No. 6331440
GENERAL INFORMATION:
APPLICANT: NORDSTEDT, Christer
APPLICANT: THYBERG, Johan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPAX: (617) 227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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; FRAGMENT TYPE: internal
US-08-617-267C-43
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US-09-747-408-11
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Fatent No. 6331440

GEREAL INFORMATION:

APPLICANT: NASLUND, Jan

APPLICANT: THYBERG, Johan

APPLICANT: THYBERG, Lars

APPLICANT: TERRINGS, Lars

TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA

FILE REPERENCE: 000500-128

TITLE REPLICATION NUMBER: US/09/095,106A

CURRENT APPLICATION NUMBER: US 60/009,386

PRIOR APPLICATION NUMBER: PCT/SE96/01621

PRIOR APPLICATION NUMBER: PCT/SE96/01621

PRIOR PILING DATE: 1996-12-09

PRIOR FILING DATE: 1996-12-09

NUMBER OF SEQ ID NOS: 44

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 15
APPLICANT: TJERNBERG, Lars O.
APPLICANT: TERRINIS, Lars
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
FILE REFERENCE: 000500-124
CURRENT APPLICATION NUMBER: US/09/095,106A
CURRENT FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: PS 60/009,386
PRIOR PILING DATE: 1995-12-29
PRIOR PILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE PALENCHIN Ver. 2.0
SEQ ID NO 5
LENGTH: 6
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Patent No. 6670399
GENERAL INFORMATION:
APPLICANT: Geren, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REPERENCE: NBL-088
CURRENT APPLICATION NUMBER: US/09/747,408
                                                                                                                                                                                                                                                                                                                                                                                             Query Match
100.0%; Score 19; DB 3; I
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0;
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Best Local Similarity 100.
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 KLVF 4
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2 KLVF 5
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US-09-747-408-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 11, Application US/09747408
; Sequence 11, Application US/09747408
; Patent No. 6670399
; GENERAL INFORMATION:
; APPLICANT: Geren, Allan M.
; APPLICANT: Geren, Allan M.
; TITLE OF INVENTION: Compounds And Methods For Modulating; TITLE OF INVENTION: Cerebral Amyloid Angiopathy; FILE REFERENCE: NB1-088
; CURRENT FILING DATE: 1998
; CURRENT FILING DATE: 1999-12-22
; PRIOR FILING DATE: 1999-12-23
; NUMBER: OF SEQ ID NOS: 24
; SOFTWARE: FREESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 24, Application US/09747408
Fatent No. 6670399
GENERAL INPORMATION:
APPLICANT: Grevals, Francine
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NUMBER: US/09/747,408
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT PILING DATE: 2000-12-22
FRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 19; DB 4; Length 6; 100.0%; Pred. No. 4.1e+05;
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CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 6
                                                                                                                                                                                                                                                  Query Match 100.
Best Local Similarity 100.
Matches 4; Conservative
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                                                                                                                                                       TYPE: PRT
CRGANISM: Homo sapiens
US-09-747-408-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Homo sapiens US-09-747-408-11
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US-09-747-408-24
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Matches 4; Conserv
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E: LAHIVE & COCKFIELD
28 State Street, Suite 510
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.
Matches 4; Conservative
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                                                           Massachusetts
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                      STREET: 28 St
CITY: Boston
                                                                                      USA
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ADDRESSEE:
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                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6, Application US/08612785B
Patent No. 3654204
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
TUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
  100.0%; Score 19; DB 4; Length 6; 100.0%; Pred. No. 4.1e+05; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Rethod For Antagonizing
TITLE OF INVENTION: Method For Antagonizing
TITLE OF INVENTION: Method For Antagonizing
TITLE OF INVENTION: Protein and flects of Amyloid n
TITLE OF INVENTION: Protein and flects of Amyloid n
TITLE OF INVENTION: Quality of Life in Individuals
TITLE OF INVENTION: Quality of Life in Individuals
TITLE OF INVENTION: With Alzheimer Disease
NUMBER OF SEQUENCES: 15
CORRESPENTION: With Alzheimer Disease
NUMBER OF SEQUENCES: 15
CORRESPECT City of Hope
STREET: 1500 East Duarte Road
CITY: Duarte
STREET: United States of America
STREET: United States of America
ZIP: 91010-0269
COMPUTER: Wang PC
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4" diskette
COMPUTER: Microsoft
COMPUTER: Microsoft
COMPUTER: Microsoft
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/127,904
FILING DATE: 29 September 1993
CLASSIFICATION 100 DATA: NO. 5470951e
REFERENCE/DOCKET NUMBER: 16,541
REFERENCE/DOCKET NUMBER: 16,541
REFERENCE/DOCKET NUMBER: NO. 5470951e
                                                                                                                                                                                                                                       Sequence 14, Application US/08127904
Patent No. 5470951
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: No. 547091e
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.
Best Local Similarity 100.
Matches 4; Conservative
    Query Match 100.
Best Local Similarity 100.
Matches 4; Conservative
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                                                                                          1 KLVF 4
                                                                                                                                   KLVF 5
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; Sequence 7, Application US/08612785B
; Patent No. 5854204
; GENERAL INFORMATION:
    APPLICANT: Findeis, Mark A. et al.
    TITLE OF INVENTION: Agregation
    TITLE OF INVENTION: Agregation
    NUMBER OF SEQUENCES: 40
    CORRESPONDENCE ADDRESS:
    ADDRESSER: LAHIVE & COCKFIELD
    STREET: 28 State Street, Suite 510
    CITY: BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
COMPUTER READABLE FORM:
MEDIUM TYPE: RADAPY disk
COMPUTER: ISH PPC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Batentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
CLASSIFICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MRR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FRILNG DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FRILNG DATE: 07-JUN-1995
FRILNG DATE: 27-CT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECONTI, GIULIO A.
REGISTRATION NUMBER: 31,503
REGISTRATION NUMBER: PPI-002CP3
TELERDOMENICATION INFORMATION:
NAME: DECONTI, GIULIO A.
REGISTRATION NUMBER: PPI-002CP3
TELERDOMENICATION INFORMATION:
TELERDOMENICATION INFORMATION:
TELERDOMENICATION INFORMATION:
TELERDOMENICATION INFORMATION:
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COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNMER: US/08/612,785B
FILING DATE: Herewith
CLASSIFICATION: 514
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100.0%; Pred. No. 4.1e+05;
Live 0; Mismatches 0;
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Aggregation Comprising D-
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100.0%; Pred. No. 4.1
ative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: LAHIVE & COCKFIELD, LLP STREET: 28 State Street CITY: Boston STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%;
       TELECOMMUNICATION INFORMATION
                          TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 30: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                          Ouery Match
Best Local Similarity luv.
4; Conservative
                                                                                                                                                                         TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-703-675C-29
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MOLECULE TYPE: peptide
                                                                                                                                                      amino acid
OGY: linear
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                         1 KLVF 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PAPLICANT: Findels, Mark A. et al.
APPLICANT: Findels, Mark A. et al.
APPLICANT: Findels, Mark A. et al.
APPLICANT: Findels, Mark A. et al.
TITLE OF INVENTION: Modulators of -Amyloid Peptide
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: BOSTON
STATE: MASSACHUSELTS
COUNTRY: USA
ZIP: 02109-1875
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 21-AUG-1996
CLASSIPICATION DATE: 314
RRIOR APPLICATION DATE: APAUG-1996
FILING DATE: 14-MAR-1995
FILING DATE: 17-AUG-1996
FILING DATE: 17-AUG-1996
FILING DATE: 17-AUG-1996
FILING DATE: 17-AUG-1996
FILING DATE: 14-MAR-1995
FILING DATE: 14-MAR-1996
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 14-MAR-1996
ATTORNEY/AGENT INFORMATION:
NUMBER: Kara, Catherine J.
NUMBER: Kara, Catherine J.
REFERENCE/DOCKET NUMBER: 11.106
REFERENCE/DOCKET NUMBER: PPI-016CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                       FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECONTI, GIULIO A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION INFORMATION:
TELEC
                          USSN 08/404,831
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 44
US-08-703-675C-29
Sequence 29, Application US/08703675C
Patent No. 6303567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.
Best Local Similarity 100.
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: peptide
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
XGY: linear
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APPLICANT: Roberts, Eugene
TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and
TITLE OF INVENTION: Improve the Quality of Life
FILE REPREBUCE: 2124-310
CURRENT APPLICATION NUMBER: US/09/264,709A
CURRENT FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: 08/79,782
PRIOR FILING DATE: 1997-02-07
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 7;
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                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECONTI, Gallio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
TIBLECOMMUNICATION INFORMATION:
THE COMMUNICATION INFORMATION:
THE COMMUNICATION INFORMATION:
THE COMMUNICATION INFORMATION:
THE COMMUNICATION INFORMATION:
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Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 4.1e+05;
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; Sequence 13, Application US/09264709A
; Patent No. 6320024
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                 Massachusetts
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , MOLECULE TYPE: peptide US-08-617-267C-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
US-09-264-709A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    amino acid
                       Boston
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Patent No. 6319498
GENERAL IPPORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                Sequence 6, Application US/08617267C
Patent No. 6319498
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OURTHAING SYSTEM:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
PRIOR APPLICATION NUMBER: USN 08/404,831
FILING DATE: 14-MAR-1995
FILING DATE: 14-MAR-1995
FILING DATE: 10-MAR-1995
FRICATION NUMBER: USSN 08/475,579
FRICATION NUMBER: USSN 08/475,579
FRICATION NUMBER: USSN 08/475,579
FRILNG DATE: 07-UN-1995
FRILNG DATE: 27-OCT-1995
FRILNG DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECONTI, GIULIO A.
REGISTRATION NUMBER: 31,503
REFRENCE/CONTINERR: 31,503
REFRENCE/CONTINERR: 1900
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS_DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO. 6: SEQUENCE CHARACTERISTICS: LENGTH: 7 amin ref.
                                                                                                                                                                                                                                                                                                                                                                                      STREET: 28 State Stree CITY: Boston STATE: Massachusetts COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 4; Conservative
4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02109-1875
                                             1 KLVF 4
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US-08-617-267C-7
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US-09-095-106A-12
i Sequence 12, Application US/09095106A
j Patent No. 6331440
j GENERAL INFORMATION:
APPLICANT: NORDSTEDT, Christer
APPLICANT: NASLUND, Jan
APPLICANT: TJERNBERG, Lars O.
BRIOR PILING DATE: 1998-06-10
PRIOR PILING DATE: 1998-12-29
PRIOR PILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PatentIN Ver. 2.0
SEQ ID NO 12
LENGTH: 7
RESULT 49

US-09-095-106A-11

Sequence 11, Application US/09095106A

Patent No. 6331440

GENERAL INFORMATION:
APPLICANT: NORDSPEED, Christer
APPLICANT: THYBERG, Johan
APPLICANT: THYBERG, Lars O.
APPLICANT: THYBERG, Lars O.
APPLICANT: TERRIUS, Lars O.
APPLICANT: 1998-06-10

PRIOR PILING DATE: 1998-12-29

PRIOR PILING DATE: 1996-12-09

NUMBER OF SEQ ID NOS: 44

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 11

LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Gaps
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Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 19; DB 3; Length 7; Best Local Similarity 100.0%; Pred. No. 4.1e+05; Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 KLVF 4
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Search completed: March 9, 2005, 06:43:02 Job time : 10.6849 secs

KLVF 7

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Page

GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. OM protein - protein search, using sw model Run on:

March 9, 2005, 06:11:36 ; Search time 16.0274 Seconds (without alignments) 27.946 Million cell updates/sec

US-10-009-122-9 29 Title: Perfect score:

1 KVVFFA 6 Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

513545 segs, 74649064 residues Searched:

513545 Total number of hits satisfying chosen parameters:

Minimum DB seg length: 0 Maximum DB seg length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries

Issued Patents AA:* Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		*			SUMMARIES		
Result No.	Score	Query	Length	DB	ID	Description	
-	29	100.0		4	US-09-747-408-9	Sequence 9, Appli	
7	29	100.0	9	4	US-09-747-408-17	17,	
m	29	100.0		4	US-09-513-999C-6921		
4	29	100.0	1144	-	US-08-147-812-5		
'n	29	100.0	_	~	US-08-319-866-12	12	
9	29	100.0		ო	US-09-123-708-2	7	
7	29	100.0	1144	m	US-09-123-624-2	Sequence 2, Appli	
80	29	1.00.0	_	4	US-09-661-258-5	2,	
6	29	100.0		4	US-08-809-917-12	12,	
10	28	96.6	9	4	US-09-747-408-1	7,	
11	28	96.6	9	4	US-09-747-408-10	5,	
12	28	96.6	123	4	US-09-902-540-13513	135	
13	26	89.7	y	7	US-08-612-785B-9	ď	
14	26	89.7	9	m	US-08-703-675C-32	Sequence 32, Appl	•
15	26	89.7	9	e	US-08-617-267C-9	6	
16	26	89.7	9	4	US-09-747-408-3	ς,	
17	26	89.7	9	4	US-09-747-408-11	Sequence 11, Appl	
18	26	89.7	7		US-08-127-904-14	14,	
19	26	89.7	7	~	US-08-612-785B-7	7, A	
20	26	89.7	7	m	US-08-703-675C-30	30,	
21	26	89.7	7	٣	US-08-617-267C-7	7, 4	
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24	56	89.7	7	4	US-09-747-408-18	18,	
25	56	89.7	7	4	US-09-747-408-19	19,	
26	26	89.7	7	Ŋ	PCT-US94-10475-14	14,	
27	26	89.7	80	~	US-08-612-785B-5	5, A	

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)	Sequence	Sequence	edneuc	Sequence	equenc	Seguence	equenc	equenc	Sequence	equenc	equenc	Seguence	equenc	Sequence	equenc	equenc	Sequence	Sequence	Seguence	Sequence	Seguence	Seguence	Sequence	Seguence	Sequence	equenc	Seguence	equenc	equenc	edneuc	edneuc	equenc	equenc	equenc	equenc	Sequence	
	8-630-645-1	8-703-675C-	3-617-267	9-095-106A-	3-766-596A-	JS96-10220-	3-766-596A	9-747-408-2	3-970-833-	9-724-961-2	9-724-961-2	9-724-961-2	9-724-961-2	9-724-961-2	9-580-018-2	9-580-018-2	9-580-018-2	9-580-018-2	9-580-018-2	9-724-5	9-724-551-2	9-724-551-2	9-724-551-2	9-724-551-2	3-630-645-1	3-766-596A	-886-6	9-988-842-2	1396-10	9-594-366-	3-612-7	3-612-7	3-617-267C-1	3-766-5	3-766-596A-	3-766-596A-5	
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	56	56	26	26	56	26	26	56	56	56	26	56	56	56	56	56	56	26	56	56	56	56	56	56	56	56	56	26	56	26	56	26	26	56	56	26	,
	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	20	51	52	53	54	55	99	57	28	59	9	61	62	63	;

ALIGNMENTS

Gaps ; APPLICANT: Grevais, Francine
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 6 Similarity 100.0%; Score 29; DB 4; Length 6; Similarity 100.0%; Pred. No. 4.1e+05; 6; Conservative 0; Mismatches 0; Indels Sequence 9, Application US/09747408; Patent No. 6670399; GENERAL INFORMATION: ORGANISM: Homo sapiens Query Match Best Local Similarity Matches 6; Conserv US-09-747-408-9

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us-10-009-122-9.rai

LENGTH

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Gaps
                DNA Encoding Inducible Nitric Oxide Synthase
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Patent No. 592923
GENERAL INFORMATION:
APPLICANT: Tully, Timothy P.
APPLICANT: Yin, Jerry C.
APPLICANT: Yin, Jerry C.
TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF GENES
TITLE OF INVENTION: ASSOCIATED WITH LONG-TERM MEMORY
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STRATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 29; DB 1; Length 1144; 100.0%; Pred. No. 1.9e+02;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OORPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,866
FILING DATE: 7-0CT-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                               COUNTRY: USA

ZIP: USA
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COMPUTER: Macintosh 7.0.1
SOPTWARE: Microsoft Word 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/147,812
FILING DATE: US-766909 Available
CLASSIFICATION NUMBER: US/08/147,812
FILING DATE: US-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: WALLEN: JOHN WILL
REGISTRATION NUMBER: 35,403
REFERENCE/DOCKET NUMBER: 186581A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TITLE OF INVENTAGES: 6
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFHONE: (908) 594-3905
TELEFAX: (908) 594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1144 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 13825
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6; Conservative
                                                                                                                                                         STREE...
CITY: Rahway
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino aciu
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             514 KVVFFA 519
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Best Local Similarity
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US-08-319-866-12
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Sequence 6921. Application US/09513999C

Patent No. 678361.

GENERAL INFORMATION:

APPLICANT: Dumas Milne Edwards, J.B.

APPLICANT: Duclart, A.

APPLICANT: Glordano, J.Y.

TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

Patent No. 6783961.

PATENTE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

CURRENT APPLICATION NUMBER: US/09/513,999C

CURRENT FILING DATE: 1999-02-24

PRIOR FILING DATE: 1999-02-26

NUMBER OF SEQ ID NOS: 36681.

SOFTWARE: Patent.pm

SOFTWARE: Patent.pm

SEQ ID NO 6921.

LENGTH: TABLE TA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 29; DB 4; Length 6; 100.0%; Pred. No. 4.1e+05;
                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT FILION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR PILING DATE: 1999-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17
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Patent No. 5765909
GENERAL INFORMATION:
APPLICANT: Nathan, Carl F.
APPLICANT: Manford, Richard
APPLICANT: Manford, Richard
APPLICANT: Calaycay, Jimmy Ramos
                                                                                                              Sequence 17, Application US/09747408
Patent No. 6670399
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Best Local Similarity 100.
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
CRGANISM: Homo sapiens
US-09-747-408-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ) ORGANISM: Homo sapiens
US-09-513-999C-6921
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 6; Conserv
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                                                                                US-09-747-408-17
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PRIOR FILING DATE: 1996-03-01
PRIOR APPLICATION NUMBER: 44114(
PRIOR FILING DATE: 1994-03-31
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
SOFTWARE: Patentin Ver. 2.1
LENGTH: 1144
TYPE: PRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                           ; ORGANISM: Mus musculus
US-09-123-624-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                       514 KVVFFA 519
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Sequence 2, Application US/09123624

Fatent No. 6149936

GENERAL INFORMATION:

APPLICANT: SCHRADER, Jurgen

APPLICANT: GONGER, Axel

APPLICANT: TITLE OF INVENTION: TREATMENT OF VASCULAR DISORDERS

FILLE REFRENCE: 511169-2004

CURRENT APPLICATION NUMBER: US/09/123,624

CURRENT APPLICATION NUMBER: 08/553,503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SCHRADER, Juergen
APPLICANT: SCHRADER, Juergen
APPLICANT: GOBDECKE, Axel
TITLE OF INVENTION: DAM EXPRESSION VECTORS FOR USE IN GENE THERAPEUTIC
TITLE OF INVENTION: TREATMENT OF VASCULAR DISORDERS
FILE REFERENCE: 511169-2003
CURRENT APPLICATION NUMBER: US/09/123,708
CURRENT APPLICATION NUMBER: 08/553,503
EARLIER APPLICATION NUMBER: 08/553,503
EARLIER PILING DATE: 1996-03-01
EARLIER PILING DATE: 1996-03-01
EARLIER PILING DATE: 1994-03-31
NUMBER OF SEQ ID NOS: 6
SOOFTWARE: PATENTIN VET: 2.0
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100.0%; Pred. No. 1.9e+02;
iive 0; Mismatches 0; Indele
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                                ATTORNEY AGENT INFORMATION:
NAME: Granthan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: CSHL94-03
TELECHONE: (617) 861-6240
TELEPHONE: (617) 861-6240
TELEPHONE: (617) 861-9540
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTER STICS:
LENGTH: 1144 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/09123708
Patent No. 6146887
GENERAL INFORMATION:
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Best Local Similarity 100.
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Best Local Similarity 100.
Matches 6; Conservative
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; TYPE: PRT
; ORGANISM: Cytomegalovirus
US-09-123-708-2
                                                                                                                                                                                                                                                       STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-319-866-12
  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              514 KWVFFA 519
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US-09-123-708-2
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APPLICANT: Stuehr, Dennis J.
APPLICANT: Stuehr, Dennis J.
APPLICANT: Adak, Subrata
TITLE OF INVENTION: Nucleic Acids Encoding Nitric Oxide Synthase Variants
FILE REFERENCE: 26473/04028
CURRENT APPLICATION NUMBER: US/09/661,258
CURRENT FILING DATE: 2000-09-13
CURRENT FILING DATE: 2000-09-13
SOFTWARE: PATENTIN Version 3.1
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                     Gaps
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APPLICANT
TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF GENES
TITLE OF INVENTION: ASSOCIATED WITH LONG-TERM MEMORY
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                     Indels
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APPLICATION NUMBER: US/08/809,917
                                                                                                                                                                                                                                                100.0%; Score 29; DB 3; 100.0%; Pred. No. 1.9e+02; ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 29; DB 4; I
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0;
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MEDIUM TYPE: Floppy disk
CMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
4411402.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 12, Application US/08809917; Patent No. 6689557; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/09661258
Patent No. 6620616
                                                                                                                                                                                                                                                Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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Gaps .. 0

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GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Goregory J.
APPLICANT: Stater, Steven C.
APPLICANT: Megand, Roger C.
TITLE OF INVENTION: Mycococcus xanthus Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT APPLICATION NUMBER: 60/217,883
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 13513
LENGTH: 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 28; DB 4; Length 123; Pred. No. 34;
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Patent No. 5854204
GENERAL INFORMATION: APPLICANT: Findels, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                           Length 6;
                                                                                                                                                                                                                                                                                                                           1; Mismatches 0.
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
             FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 13513, Application US/09902540 Patent No. 6833447
                                                                                                                                                                                                                                                                                                             96.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Myxococcus xanthus
US-09-902-540-13513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3
Lang 5; Conservative
                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ||:|||
52 KVIFFA 57
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1 KIVFFA 6
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US-09-747-408-1
| Sequence 1, Application US/09747408
| Sequence 1, Application US/09747408
| Patent No. 6670399
| GENERAL INFORMATION:
| APPLICANT: Green, Allan M. |
| APPLICANT: Green, Remain Francine |
| TITLE OF INVENTION: Compounds And Methods For Modulating |
| TITLE OF INVENTION: Cerebral Amyloid Anglopathy |
| FILE REFERENCE: NBI-088 |
| CURRENT APPLICATION NUMBER: US/09/747,408 |
| CURRENT APPLICATION NUMBER: 60/171,877 |
| PRIOR PILING DATE: 1999-12-23 |
| NUMBER OF SEQ ID NOS: 24 |
| SOFTWARE: FastSEQ for Windows Version 4.0 |
| LENGTH: 6 |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
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Patent No. 6670399
GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 29; DB 4; I
100.0%; Pred. No. 1.9e+02;
ive 0; Mismatches 0;
                             PRIOR AFFLICATION UNMER: PCT/US95/13198
PILING DATE: PCT/US95/13198
PILING DATE: APPLICATION NUMBER: US 08/361,063
FILING DATE: 21-DEC-1994
PRIOR APPLICATION DATE: US 08/319,866
FILING DATE: 07-0CT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: GSHL94-03A2 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPHONE: (617) 861-6240
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 1144 amino acide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           96.6%; Score 28; DB 4;
83.3%; Pred. No. 4.1e+05;
ive 1; Mismatches 0
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Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein US-08-809-917-12
                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 6; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                         amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      514 KWVFFA 519
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Gaps

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Score 26; DB 3; Length 6; Pred. No. 4.1e+05;
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APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14 *MAR-1996
FILING DATE: 14 *MAR-1995
FILING DATE: 107-JUN 1995
FILING DATE: 07-JUN 1995
FILING DATE: 07-CT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECORTE, GIULIO A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
                               FILING DATE: 14-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kara, Catherine J.
REGISTRATION NUMBER: 41,106
REFERENCE/DOCKET NUMBER: PPI-016CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
               USSN 08/616,081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 9, Application US/08617267C
Patent No. 6319498
                                                                                                                                                                                                                TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                89.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 89.7
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                 / MOLECULE TYPE: peptide US-08-703-675C-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                    amino acid
GY: linear
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
PRIOR APPLICATION NUMBER: US/08/612,785B
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECONIT, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION INFORMATION:
MARE: DECONT., Giulio A.
TELECOMMUNICATION NUMBER: PPI-002CP3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: BOSLON
STREET: 28 State Street
CITY: BOSLON
STREET: 28 State Street
CITY: BOSLON
STREET: 28 STATE: MASSACHUSETES
CONTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OMPUTER: 127-AUG-1996
CLASSIFICATION NUMBER: USSN 08/475,579
FILING DATE: 14-MAR-1995
RAPLICATION NUMBER: USSN 08/475,579
FILING DATE: USSN 08/475,579
FILING DATE: USSN 08/475,579
FILING DATE: USSN 08/548,998
FILING BAPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING BATE: 27-CTT-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-703-675C-32

Sequence 32, Application US/08703675C

Patent No. 6303567

Patent No. 630357101:

PAPLICANT: Findeis, Mark A. et al.

APPLICANT: Findeis, Mark A. et al.

TITLE OF INVENTION: Modulators of -Amyloid Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches 0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    83.3%;
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Best Local Similarity 83.3
Matches 5, Conservative
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MOLECULE TYPE: peptide
US-08-612-7858-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
 ; Sequence 14, Application US/08127904; Patent No. 5470951; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: NO. 5470951e
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: Unknown
US-08-127-904-14
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US-08-612-785B-7
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                                                                                                                                                                                                                               APPLICANT: Green, Allan M.
APPLICANT: Green, Allan M.
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 1999-12-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-747-408-11

Sequence 11, Application US/09747408

Patent No. 6670399

GENERAL NO. 6670399

TENERAL PRORMATION:
APPLICANT: Green, Allan M.
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Anglopathy
FILE REPRENCE: NBI-088

CURRENT APPLICATION NUMBER: US/09/747,408

CURRENT PILING DATE: 2000-12-22

PRIOR FILING DATE: 2000-12-23

PRIOR FILING DATE: 1999-12-23

NUMBER OF SEQ ID NOS: 24

SOFTWARE: FastSEQ for Windows Version 4.0
Score 26, DB 3, Length 6;
Pred. No. 4.1e+05,
1; Mismatches 0, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    89.7%; Score 26; DB 4; Length 6; 83.3%; Pred. No. 4.1e+05; ive 1; Mismatches 0; Indels
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                                                                                                                                                                                  Sequence 3, Application US/09747408
Patent No. 6670399
     89.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 83.3%,
S; Conservative
Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-747-408-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-747-408-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 KWVFFA 6
                                                                                                  1 KLVFFA 6
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                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 18
US-08-127-904-14
                                                                                                                                                                      US-09-747-408-3
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Patent No. 5854204
GENERAL INFORMATION:
TIPLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TIPLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             89.7%; Score 26; DB 1; Length 7; 83.3%; Pred. No. 4.1e+05; Live 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                              COUNTRY: United States of America
CIONTRY: United States of America
CIP: 91010-026
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4" diskette
COMPUTER: Wang PC
OPERATING SYSTEM: MS DOS Version 3.20
SOFTWARE: Microsoft
CORRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/127,904
FILING DATE: 29 September 1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA: NO. 5470951e
ATTORNEY/AGENT INFORMATION:
NAME: Irons, Edward S.
REGISTRATION NUMBER: No. 5470951e
TELECHOMONICATION INVERR: No. 5470951e
TELECHOMONICATION INFORMATION:
TELECHOMONICATION 193-6040
                          Method For Antagonizing
Amnestic Effects of Amyloid n
Protein and Improving the
Quality of Life in Individuals
With Alzheimer Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STAID:
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: - IBM PC compatible
COMPUTER: - IBM PC compatible
APPLICANT: Engene Roberts
TITLE OF INVENTION: Ammestic Effections of INVENTION: Ammestic Effections of INVENTION: Ammestic Effections of INVENTION: Quality of LiftILL OF INVENTION: With Alzheimer NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: City of Hope STREET: 1500 East Duarte Road
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Gaps
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Patent No. 6319498

GENERAL INFORMATION:

APPLICANTE Findeis, Mark A. et al.

TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA

ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
PRICA APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRICA APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:

MAME: DECORT, GAILIO ATA:

REFERENCE/DOCKET NUMBER: PPI-002CP2
TREECOMMUTER: PROPAMATION:

MARE: DECORT, GAILIO ATA:

REFERENCE/DOCKET NUMBER: PPI-002CP2
TREECOMOTION NUMBER: PPI-002CP2
TREECOMMUTER: PROPAMATION:

REFERENCE/DOCKET NUMBER: PPI-002CP2
TREECOMMUTER: PROPAMATION:

TREECOMUTER: PROPAMATION:

TREECOMMUTER: PROPAMATION:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 7;
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83.3%; Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 26; DB 3; | Pred. No. 4.1e+05;
                                                                                        REFERENCE/DOCKET NUMBER: PPI-
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
                                                                     41,106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89.7%;
      ATTORNEY/AGENT INFORMATION:
NAME: Kara, Catherine J.
REGISTRATION NUMBER: 41,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: peptide US-08-703-675C-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                             amino acid
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-617-267C-7
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STATE: BOSCOLO
STATE: COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPOSINE
COMPUTER: DATA:
APPLICATION NUMBER: US/08/703,675C
FILING DATE: 27-AUG 1996
CLASSIFICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-AMR 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 14-AMR-1996
FILING DATE: 14-AMR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 30, Application US/08703675C
Patent No. 6303567
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of -Amyloid Peptide,
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESSS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1; Mismatches
                      APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
CLASSIFCATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: O7-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-0CT-1995
ATTORNEY AGENT INFORMATION:
NAME: DECONII, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 89.7
Best Local Similarity 83.3
Matches 5; Conservative
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MOLECULE TYPE: peptide
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PCT-US94-10475-14
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APPLICANT: Roberts, Eugene
APPLICANT: Roberts, Eugene
TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and
TITLE OF INVENTION: Improve the Quality of Life
FILE REFERENCE: 2124-310
CURRENT APPLICATION NUMBER: US/09/264,709A
CURRENT FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: 08/797,782
PRIOR APPLICATION NUMBER: 08/797,782
PRIOR PLING DATE: 1999-02-07
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 13
LENGTH: 7
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APPLICANT Green, Allan M.
APPLICANT Grevais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-23
NUMBER OF SEQ ID NOS: 24
SOFFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 7
Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
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4.1e+05;
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1; Mismatches
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Pred. No.
                                                                                                                 RESULT 22
US-09-264-709A-13
; Sequence 13, Application US/09264709A
; Patent No. 6320024
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US-09-747-408-18
Sequence 18, Application US/09747408
Patent No. 6670399
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         89.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 83...
5; Conservative
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US-09-264-709A-13
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; ORGANISM: Homo sapiens
US-09-747-408-2
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Best Local Similarity
Matches 5; Conserv
                             1 KWVFFA 6
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US-09-747-408-2
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APPLICANT: Green, Allan M.
PAPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT APPLICATION NUMBER: 06/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18
LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              squence 19, Application US/09747408

patent No. 6670399

GENERAL INFORMATION:

APPLICANT: Green, Allan M.

APPLICANT: Green, Allan M.

TITLE OF INVENTION: Compounds And Methods For Modulating

TITLE OF INVENTION: Cerebral Amyloid Angiopathy

FILE REPERENCE: NB1-088

CURRENT APPLICATION NUMBER: US/09/747,408

CURRENT FILING DATE: 2000-12-22

PRIOR APPLICATION UNMBER: 60/171,877

PRIOR PILING DATE: 1999-12-23
                                                                                                                                                                                                                                                                                                                                                                                                  4.1e+05;
0; Indels
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Pred. No. 4.1e+05
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Effects of Amyloid n
Protein and Improving
the Quality of Life
in Individuals
With Alzheimer Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 19
LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 14, Application PC/TUS9410475; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: City of Hope
STREET: 1500 East Duarte Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Method For
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Method
TITLE OF INVENTION: Method
TITLE OF INVENTION: Biffects
TITLE OF INVENTION: Brotein
TITLE OF INVENTION: The Qua
TITLE OF INVENTION: the Qua
TITLE OF INVENTION: in Indi
TITLE OF INVENTION: in Indi
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                        Query Match 89.7
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                               TYPE: PRT; ORGANISM: Homo sapiens
US-09-747-408-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-747-408-19
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APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISCREES OR DISEASES ASSOCIATED
TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
TITLE OF SEQUENCES: 26
CORRESPONDENCES: ADDRESS: ADDRESS: ADDRESSE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Mashington
STATE: D.C.
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 26; DB 2; 1
Pred. No. 4.1e+05;
1; Mismatches 0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY, AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1
TELECHONE: 202-628-5197
TELEPAN: 202-628-5197
TELEFAX: 202-628-5197
                   PRIOR APPLICATION DATE:
APPLICATION DATE:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-0CT-1995
ATTORNEY AGENT INFORMATION:
NAME: DECORT, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP3
TELECHONE: (617)227-7400
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/08630645; Patent No. 5948763; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     89.7%;
        07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 83.3
Matches 5; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear;
; MOLECULE TYPE: peptide
US-08-612-785B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 8 amino acids
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                               amino acid
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
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3 KLVFFA 8
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           FILING DATE:
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Patent No. 5854204
GENERAL INFORMATION:
APPLICANT: Findeds, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Apgregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKPIELD
STREET: 28 State Street, Suite 510
CITY: Boston
STREET: 28 State Street, Suite 510
CITY: Boston
STREET: 129 State Street, Suite 510
CITY: Boston
STREET: 29 State Street, Suite 510
CITY: Boston
STREET: 20 State Street, Suite 510
COUNTRY: USA
COUNTRY: USA
COUNTRY: USA
COMPUTER READBABLE FORM:
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: Datent PT POLOS/MS-DOS
CORPUTED STSTEM: Datent PT POLOS/MS-DOS
CORPUTED STSTEM: DATENT PT POLOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        89.7%; Score 26; DB 5; Length 7; 83.3%; Pred. No. 4.1e+05;
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
                   COUNTRY: United States of America
ZIP: California
COUNTRY: United States of America
ZIP: 91010-0269
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4"
MEDIUM TYPE: diskette
COMPUTER: Wang PC
OPERATING SYSTEM: MS DOS Version 3.20
SOFTWARE: Microsoft PC
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/10475
FILING DATE: 16 September 1994
CLASSIFICATION: DATA: STATION OF PRIOR APPLICATION DATA: STATION OF PRIOR APPLICATION DATA: STATION OF PRIOR APPLICATION DATA: 1994
ATTORNEY/AGENT INPORMATION:
NAME: TOON: Edward S.
REGISTRATION NUMBER: 16,541
REFERENCE/DOCKET NUMBER: 16,541
REFERENCE/DOCKET NUMBER: 16,541
RELEPHONE: (202) 626-3564 or 783-6030
TELLEPAK: (202) 783-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILLING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: None
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 85...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
TOPOLOGY: Unknown
PCT-US94-10475-14
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CITY: Due
STATE: Ca
COUNTRY:
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US-08-612-785B-5
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Gaps ;

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| GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: NORDSTEDT, Christer
| APPLICANT: NASLUND, Jan
| APPLICANT: THYBERG, Johan
| APPLICANT: THYBERG, Lars O.
| APPLICANT: TERRNIUS, Lars O.
| PRICANT: TERRNIUS, Lars O.
| PRICANT: TERRNIUS, Lars O.
| PRICANT: 1996-12-29
| PRICANT: TERRNIUS DATE: 1996-12-09
| PRICANT: TERRIUS DATE: 1996-11-09
| PRICANT: TERRNIUS DATE: 1996-11-09
| PRICANT: TERRNIUS DATE: 1996-11-09
| PRICANT: TERRNIUS DATE: 1996-11-09
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                Sequence 5, Application 05/001/2010

Patent No. 6319498
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORPUTE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
CONFUTER: EDSTON
STATE: MASSACHUSETTS
COMPUTER: EDSTON
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 10-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-CCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECORIT, GIULIO A.
NAME: DECORT, GIULIO A.
TELECOMMUNICATION NUMBER: PPI-002CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 26; DB 3; Length 8; Pred. No. 4.1e+05;
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Sequence 5, Application US/08617267C
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
TRNGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 89.7
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       amino acid
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3 KLVFFA 8
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US-09-095-106A-44
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                                                      Score 26; DB 2; Length 8; Pred. No. 4.1e+05; 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                       RESULT 29
US-08-703-675C-28
Sequence 28, Application US/08703675C
Factor NO. 6303567
GENERAL INFORMATION:
TITLE OF INVENTION: Modulators of -Amyloid Peptide
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY:

CITY:

CITY:

CITY:

Massachusetts

COMPUTRY: USA

ZIP: 02.09-1875

ZIP: 02.09-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM FOCOMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Parentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/703,675C

FILING DATE: 27-Aug-1996

CLASSIFICATION DATA:

APPLICATION NUMBER: USSN 08/404,831

FILING DATE: 14-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/475,579

FILING DATE: 17-OUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/548,998

FILING DATE: 27-OCT-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/616,081

FILING DATE: 14-MAR-1996

ATTORNEY APALICATION DATA:

APPLICATION NUMBER: 41,106

REGISTRATION NUMBER: 41,106

REGISTRATION NUMBER: A1,106

REPERBENCY COMPUTION INFORMATION:

TELEPHONE: (617)/24-4214

INFORMATION FOR SEQ ID NO: 28:

SEQUENCE: Amino acids

TELENOTH: amino acids
                                                           89.7%;
                                                         Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-703-675C-28
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1 KLVFFA 6
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US-08-617-267C-5
          US-08-630-645-1
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Sequence 64, Application US/08766596A

Patent No. 6462171

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
                                                                                                                                                                                      PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
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'-- 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: PCT/US96/10220
                                                                                                                                                                                    TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISTITLE OF INVENTION: WITH PROTEIN FOLDING INTO AM NUMBER OF SEQUENCES: 26 CORRESPONDENCE ADDRESS: DROWDY AND NEIMARK STREET: 419 Seventh Street, N.W., Suite 400 STRTE: D.C. COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UTN-1995
FILING DATE: 06-UTN-1995
FILING DATE: 06-UTN-1995
FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
NAMME: BROWDY, ROGET L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: 25,618
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECHOME: 202-628-5197
TELEFRAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
                                                                                                               Sequence 1, Application PC/TUS9610220
GENERAL INFORMATION:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               89.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-766-596A-64
                                                                    RESULT 33
PCT-US96-10220-1
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                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/08766596A
Sequence 1, Application US/08766596A
Sequence 1, Application US/08766596A
GENERAL INFORMATION:
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
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                                                                                                                                                         Query Match 89.7%; Score 26; DB 3; Length 8; Best Local Similarity 83.3%; Pred. No. 4.16+05; Matches 5; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
CURREMY APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOTO-JARA=1A
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: SOTC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHONE: 202-737-3528
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide
                                                                                       ORGANISM: Amyloidosis
US-09-095-106A-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Washington
STATE: D.C.
COUNTRY: USA
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Sequence 20, Application US/09724961

Patent No. 6743427

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique

APPLICANT: Vagnez, Nicki

APPLICANT: Vagnez, Nicki

APPLICANT: Vagnez, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

FILE REPERENCE: 152702-004750UC

CURRENT APPLICATION NUMBER: US/09/724,961

FRICH APPLICATION NUMBER: US 09/580,015

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 1999-05-28

FRICH APPLICATION NUMBER: US 09/322,289

FRICH APPLICATION NUMBER: US 09/201,430

PRIOR FILING DATE: 1999-11-30

PRIOR PLING DATE: 1999-11-30

PRIOR FILING DATE: 1999-11-30
                                                                                                                                            PATCHE WO. WOLZESSY

GENERAL INFORMATION:
APPLICANT: Kiessling, Laura L.
APPLICANT: Murphy, Regina M.
TITLE OF INVENTION: INHIBITORS OF BETA-AMYLOID TOXICITY
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSES: Quarles & Brady
STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patchtin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,833
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 10;
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Pred. No. 7.6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
                                                                                    US-08-970-833-3
Sequence 3, Application US/08970833
Patent No. 6022859
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Baker, Jean C.
REGIESTRATION UNDERER: 35,433
REFERENCE/DOCKET NUMBER: 9602
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             89.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (414) 277-5709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (414) 277-57(
TELEFAX: (414) 271-3552
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , MOLECULE TYPE: peptide US-08-970-833-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
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Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 KWVFFA 6
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4 KLVFFA 9
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| Patent No. 6570399
| GENERAL INFORMATION:
| APPLICANT: Geren, Allan M. APPLICANT: Geren, Allan M. APPLICANT: Geren, Gerebral Amyloid Angiopathy
| TITLE OF INVENTION: Cerebral Amyloid Angiopathy
| TILE PERENCE: NBI-088
| CURRENT APPLICATION NUMBER: US/09/747,408
| PRIOR APPLICATION NUMBER: 00/171,877
| PRIOR PAPLICATION NUMBER: 00/171,877
| PRIOR FILING DATE: 1999-12-23
| NUMBER OF SEQ ID NOS: 24
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 20
| LENGTH: 9
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Pred. No. 4.1e+05;
1; Mismatches 0; Indels
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                                                                                  ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4.1e+05;
  419 Seventh Street, N.W., Suite 400
                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUM-1995
ATTORNEY/AGENT INFORMATION:
NAME: VUM, Allen C.
REGISTRATION NUMBER: 37,971
REGISTRATION NUMBER: 37,971
REGISTRATION NUMBER: SOTO-JARA=1A
TELEPHONE: 202-737-3528
INFORMATION:
TELEPHONE: 202-737-3528
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acide
TTELENGTH: 9 amino acide
TTELENGTH: 9 amino acide
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Best Local Similarity 83.3%;
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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MOLECULE TYPE: peptide
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CORGANISM: Homo sapiens
US-09-747-408-20
                       Washington
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US-09-747-408-20
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Sequence 21, Application US/09724961

Setent No. 674347

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Vednock, Ted

APPLICANT: Vednock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

FILE REPERENCE: 15270J-004750UC

CURRENT APPLICATION NUMBER: US/09/724,961

CURRENT APPLICATION NUMBER: US 09/580,015

PRIOR APPLICATION NUMBER: US 09/580,015

PRIOR FILING DATE: 1999-05-28

PRIOR FILING DATE: 1998-11-30

PRIOR PILING DATE: 1998-11-30

PRIOR PILING DATE: 1998-11-30

PRIOR PILING DATE: 1998-11-30

PRIOR FILING DATE: 1998-10-07

PRIOR PLILING DATE: 1998-10-07

PRIOR PLILING DATE: 1998-10-07

PRIOR PLILING DATE: 1998-10-07

PRIOR APPLICATION NUMBER: US 60/067,740

PRIOR APPLICATION NUMBER: US 60/067,740
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                                                                                                                                                                                                                                                                                                                                  PEATURE:
CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
US-09-724-961-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
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Pred. No. 7.6;
1; Mismatches 0; Indels
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; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/080,970
; PRIOR FILING DATE: 1999-04-07
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 10
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                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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5 KLVFFA 10
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RESULT 39

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Sequence 22, Application US/09724961.

SMENRAL INFORMATION:
SMENLAL INFORMATION:
APPLICANT: SALE ALE B.
APPLICANT: SALE B.
APPLICANT: ATTICAL SALE B.
APPLICANT: WARGET SALE B.
APPLICANT
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89.7%;
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ORGANISM: Artificial Sequence
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Best Local Similarity 83.3
Matches 5; Conservative
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US-09-580-018-22
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GENERAL INFORMATION;
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Vacquez, Nicki
CURRENT APPLICATION NUMBER: US/09/724,961
CURRENT FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: US/09/322,289
PRIOR PILING DATE: 1999-11-30
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-11-30
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 77
SEQ ID NO 24
LEMENT: DATE

LEMENT: NOT 24

LEMENT: NOT 24
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Patent No. 6761888
PAPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Tederique
APPLICANT: Yednock, Tederique
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
CTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
CTHER INFORMATION: peptide)
US-09-724-961-24
TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
US-09-724-961-23
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Pred. No. 7.6;
1; Mismatches 0; Indels
                                                                                                                                                               Score 26; DB 4; Length 10;
Pred. No. 7.6;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 24, Application US/09724961 Patent No. 6743427
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                                                                                                                                                                     83.3%;
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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1 KLVFFA 6
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KLVFFA 7
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PILE REFERENCE: 15270-0047600S
COMBART PAPLICATION TRY MADERS 10 9 9/322,289
FRICK PLINE OF SET IN 081: 1999-06-28
FRICK PLINE OF SET IN 081: 1999-06-28
FRATURES THE PARENCE: 121
SEC IN 08 SET IN 081: 77
SEC IN 08 SET IN 081: 77
SEC IN 081: 78
COTHER INFORMATION: Peersipien of Artificial Sequence: 10-mer peptide of SET IN 081: 78
COTHER INFORMATION: Peersipien of Artificial Sequence: 10-mer peptide of SET IN 081: 78
FRATURES THORMATION: Peersipien of Artificial Sequence: 10-mer peptide of SET IN 081: 78
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SET IN 081
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TYPE: PRT
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Fatent No. 6761888
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
CURRENT FILING DATE: 1090-05-26
PRIOR PRILING DATE: 1090-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                          Gaps
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GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152703-004760US
CURRENT APPLICATION NUMBER: US/09/580,018
PRIOR APPLICATION NUMBER: US/09/22,289
PRIOR PILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
                                                                                                                                                                          PEATURE:
CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
US-09-580-018-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
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83.3%; Pred. No. 7.6;
tive 1; Mismatches 0; Indels
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PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 10
TYPE: PRT
TYPE: PRT
ORGANISM: Artificial Sequence
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Patent No. 6761888
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ORGANISM: Artificial Sequence
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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KLVFFA 7
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US-09-580-018-23
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US-09-580-018-24
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LENGTH: 10
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GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique

APPLICANT: Bard, Frederique

APPLICANT: Vednock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

FILE REFERENCE: 15270J-004760US

CURRENT APPLICATION NUMBER: US/09/724,551

CURRENT PELLING DATE: 2000-11-28

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: PATENTIN Ver. 2.1

SEQ ID NO 20

LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 21, Application US/09724551

Fatent No. 6786737

GENERAL INFORMATION:

APPLICANT: Bard, Frederique

APPLICANT: Bard, Frederique

APPLICANT: Yednock, Ted

APPLICANT: Yednock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

FILE REFERENCE: 152700-004760US

CURRENT FILING DATE: 2000-11-28

PRIOR PILING DATE: 2000-11-28

PRIOR PAPLICATION NUMBER: US/09/580,018

PRIOR PAPLICATION NUMBER: US/09/580, 18

PRIOR PLING DATE: 1999-05-26

PRIOR PLING DATE: 1999-05-26
                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                   FEATURE:
CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
CTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
US-09-580-018-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
US-09-724-551-20
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Pred. No. 7.6;
1; Mismatches
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Pred. No. 7.6;
1; Mismatches
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                                                                                                                                                                                                                                                                    89.7%;
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Best Local Similarity 83.3%;
Matches 5; Conservative 1
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 10
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                      5; Conservative
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Best Local Similarity
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APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique

APPLICANT: Bard, Frederique

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

FILE REFERENCE: 152700-004760US

FURRENT APPLICATION NUMBER: US/09/580,018

PRIOR FILING DATE: 2000-11-28

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 1999-05-28

FUNBER OF SEQ ID NOS: 77

SOFTWARE: Patentin Ver. 2.1

FENGER: PARCEL PATENTIN VER. 2.1
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US-09-724-551-23
Sequence 23, Application US/09724551
Sequence 23, Application US/09724551
Sequence 23, Application GRASS7
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Ted
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
CURRENT APPLICATION NUMBER: US/09/724,551
CURRENT FILING DATE: 2000-11-28
CURRENT FILING DATE: 2000-11-28
PRIOR FILING DATE: US/09/580,018
PRIOR FILING DATE: US/09/580,018
PRIOR APPLICATION NUMBER: US/09/522,289
                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-09-724-551-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; CTHER INFORMATION: peptide)
US-09-724-551-22
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Pred. No. 7.6;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                89.7%; Score 26; DB 4; Length 10;
83.3%; Pred. No. 7.6;
1ive 1; Mismatches 0; Indels
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US-09-724-551-22
; Sequence 22, Application US/09724551
; Patent No. 6787637
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                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 10
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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4 KLVFFA 9
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prior Filing Date: 1999-05-28

| NUMBER OF SEQ ID NOS: 77
| SOFTWARE: Patentin Ver. 2.1
| SEQ ID NO 23
| LENGTH: 10
| TYPE: PRT
| ORGANISM: Artificial Sequence
| FRATURE:
| OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
| OTHER INFORMATION: peptide|
| OT
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GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

March 9, 2005, 06:11:36; Search time 18.6986 Seconds (without alignments) 27.946 Million,cell updates/sec Run on:

US-10-009-122-18 34 1 KLVPFAQ 7 Title: Perfect score: Sequence: BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

513545 segs, 74649064 residues Searched:

Total number of hits satisfying chosen parameters:

513545

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries

Issued_Patents_AA:* Database :

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/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence 18, Appl	19,	12,	12,	8, 7	٦,	m	'n	'n	'n	ý	Sequence 14, Appl	E,	14,	ť,	٦,	٦,	Sequence 64, Appl	'n	21,	22	23,	24,	21,	22,		24,
	escr	Sequ	Sequ	Sequ	Sequ	Sequ	Sequ	Sedu	Sequ	Sequ	Sequ	Sequ	Sedu	Sequ	Segn	Segu	Sequ	Sequ	Sequ	Sedu	Sequ	Sedu	Sequ	Segn	Sequ	Sequ	Sedu	Sequ
SUMMARIES	QI	US-09-747-408-18	US-09-747-408-19	US-09-388-890-12	US-09-660-954-12	US-08-304-585-8	US-09-573-789-1	US-08-462-859A-3	US-08-123-659A-3	US-08-464-247A-3	US-08-464-248A-3	US-08-339-708A-6	US-08-127-904-14	US-09-264-709A-13	PCT-US94-10475-14	US-08-630-645-1	US-08-766-596A-1	PCT-US96-10220-1	US-08-766-596A-64	US-08-970-833-3	US-09-724-961-21	US-09-724-961-22	US-09-724-961-23	US-09-724-961-24	US-09-580-018-21	US-09-580-018-22	US-09-580-018-23	US-09-580-018-24
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	Score	34	34	34	34	34	34	34	34	34	34	34	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
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-09-724-5	-09-724-551-2	-09-724-551-2	-09-724-55	-08-630-645-1	-08-766-59	-09-988-842-	US-09-988-842-25	I-US96-10220	-09-594-3	-08-612-7	3-612-785B-	-08-617-267C-1	38-766-596A-5	38-766-596A-5	38-766-596A-5	38-766-596A-	08-766-596A-6	08-766-596A-	09-264-709A	-09-594-366-3	-08-970-8	19-723-38	0	09-724-55	-09-580-018-	-09-723-927-	09-724-489	-09-724-477-	-09-723-76	-09-201-430-	-09-724-551-	-10-815-35	-10-816-529-	-08-970-83	-08-304-58	-08-346-849	US-08-302-808-7
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31	31	31	31	31	31	31	31	. 31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
28															43		45	46	47	48	49	20	51	25	23	54	55	26	57	28	29	9	61	62	63	64	65

ALIGNMENTS

Sequence 18, Application US/09747408

Patent No. 6670399

GENERAL INFORMATION:

APPLICANT: Grevais, Francine

TITLE OF INVENTION: Compounds And Methods For Modulating

TITLE OF INVENTION: Cerebral Amyloid Angiopathy

FILE REFERENCE: NBI-088

CURRENT APPLICATION NUMBER: US/09/747,408

CURRENT FILING DATE: 1999-12-23

PRIOR FILING DATE: 1999-12-23 Length 7; NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18
LENGTH: 7 , ORGANISM: Homo sapiens US-09-747-408-18 US-09-747-408-18

Gaps ö Indels 100.0%; Score 34; DB 4; L 100.0%; Pred. No. 4.1e+05; tive 0; Mismatches 0; .7; Conservative Query Match Best Local Similarity Matches ,7; Conserv

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ORGANISM: HOMO SAPIENS
IMMEDIATE SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
                                                                                                   Query Match
Best Local Similarity 100.
Matches 7; Conservative
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                                                            US-09-388-890-12
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Sequence 12, Application US/09388890

Sequence 12, Application US/09388890

GENERAL INFORMATION:

APPLICANT: ANDERSON, STEPHEN

TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT

TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: HOWREY & SIMON
               Sequence 19, Application US/09747408

Patent No. 6670399
GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT FILING DATE: 2000-12-22
FRIOR APPLICATION NUMBER: 60/171,877
FRIOR FILING DATE: 1999-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 7;
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ZIP: 20004

MEDIUM TYBEN PRORM:
MEDIUM TYBEN PROPORTIBLE
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
                                                                                                                                                                                                                                                                                                                                                                                                                                                               4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 34; DB 4;
100.0%; Pred. No. 4.1e+05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 19
LENGTH: 7
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APPLICATION NUMBER: 08/686,959
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: ADERBACH:
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (202) 383-7451
TELEPAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide HYPOTHETICAL: YES
                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
CRGANISM: Homo sapiens
US-09-747-408-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
3Y: linear
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CLASSIFICATION:
-09-747-408-19
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ö Sequence 12, Application US/09660954
Sequence 12, Application US/09660954
Patent No. 6471960
GENERAL INFORMATION:
GENERAL INFORMATION: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE Gaps Gaps . 0 ; 0 COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Batentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/660,954
FILING DATE: 13-Sep-2000
CLASSIFICATION: -Unknown>
PRIOR APPLICATION OF THE COMPANSER: US/09/388,890
FILING DATE: -Unknown>
APPLICATION NUMBER: US/09/388,890
FILING DATE: -UNknown>
ATTORNEY/AGENT INFORMATION:
NAME: AUBREBACH, JEFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION: 100.0%; Score 34; DB 3; Length 28; 100.0%; Pred. No. 0.44; ive 0; Mismatches 0; Indels Query Match
100.0%; Score 34; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.44;
Matches 7; Conservative 0; Mismatches 0; Indels CLONE: E220 B(1-28) peptide of amyloid B protein SEQUENCE DESCRIPTION: SEQ ID NO: 12: FRAGMENT TYPE: N-terminal ORLGINAL SOURCE: ORGANISM: HOMO SAPIENS INMEDIATE SOURCE: CLONE: E22Q B(1-28) peptide of amyloid B protein NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W. TELEPHONE: (202) 383-7451 TELEFAX: (202) 383-6610 ZIP: 20004 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk

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GENERAL INFORMATION:
APPLICANT: Jacobsen, J. S.
APPLICANT: Vicek, M. P.
APPLICANT: Vicek, M. No. 5652092el Amyloid Precursor and Method of
TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation
TITLE OF INVENTION: OF B-Amyloid Peptide
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                           DB 4; Length 43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE PACENTIN FELSON #1.30
SOFTWARE PACENTIN FELSON #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,859A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
NAME: Barnhard, Elizabeth M.
REGISTRATION NUMBER: 31,088
                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                         100.0%; Score 34;
100.0%; Pred. No. (
                          60/131,284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: New Jersey
COUNTRY: United States
ZIP: 07470-8426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS_DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 3, Application US/08462859A
; Patent No. 5652092
PRIOR FILING DATE: 1998-11-12
PRIOR PELLING DATE: 1999-04-27
PRIOR FILING DATE: 1999-04-27
NUMBER OF SEQ ID NOS: 1
SEQ ID NO 1
LENGTH: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 31
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                              TYPE: PRT
CRGANISM: Homo sapiens
US-09-573-789-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-462-859A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-462-859A-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Zaczek, Robert
APPLICANT: Zaczek, Robert
APPLICANT: Olson, Richard E.
APPLICANT: Selffert, Dietim Ar
APPLICANT: Thompson, Lorin Ar
TITLE OF INVENTION: USE OF SMALL MOLECULE RADIOLIGANDS TO DISCOVER INHIBITORS OF AMYI
TITLE OF INVENTION: PEPTIDE PRODUCTION AND FOR DIAGNOSTIC IMAGING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Pharma Company (formerly DuPont Pharmaceuticals
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                               APPLICANT: Maggio, John E.
APPLICANT: Mancyh, Patrick W.
APPLICANT: Mancyh, Patrick W.
TITLE OF INVENTION: LABELLED BETA-AMYLOID PEPTIDE AND
TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESSE:
ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
STREET: P.O. Box 581415
CITY: Minneapolis
STATE: MN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,585
FILING DATE: 12-SEP-1994
CLASSIFICATION: 435
ATTONREY/AGENT INFORMATION:
NAME: Mueting, Ann M.
REGISTRATION NUMBER: 33,977
REGISTRATION NUMBER: 33,977
TELECOMMUNICATION: INFORMATION:
TELECOMMUNICATION: 110.00010120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: PH-7048-A
CURRENT APPLICATION NUMBER: US/09/573,789
CURRENT FILING DATE: 2000-05-17
PRIOR APPLICATION NUMBER: US 09/438,901
PRIOR PILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: US 60/108,147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                              Sequence 8, Application US/08304585
Patent No. 5721106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09573789
Patent No. 6737038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPAX: 612-305-1228
INPORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 55458-1415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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Best Local Similarity 100.
Matches 7; Conservative
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  16 KLVFFAQ 22
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                                                                                           US-08-304-585-8
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Sequence 3, Application US/08464248A

Sequence 3, Application US/08464248A

PRESENTE ST03209

APPLICANT: Jacobsen, J. S.

APPLICANT: Jacobsen, J. S.

TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation

TITLE OF INVENTION: of B-Amyloid Peptide

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: American Cyanamid Company
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CILII: Mayue
CINIX: Wow Jersey
COUNTRY: United States
ZIP: 07470-8426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIDLE
COMPUTER: PATENTIN PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,248A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BATCHATON NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 31,088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
            ACCOUNTING DATE: US/08/464,247A
FILING DATE: 05-UN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Barnhard, Elizabeth M.
REGISTRATION NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 31,844-03
TELECOMMUNICATION INFORMATION:
TELEFROM 201-683-2158
INFORMATION FOR SEQ. ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: American Cyanamid Company STREET: One Cyanamid Plaza CIIY: Wayne
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TELEPHONE: (201) 031-3305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100...
7; Conservative
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LENGTH: 63 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 63 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-464-247A-3
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25 KLVFFAQ 31
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Sequence 3, Application US/08123659A
Sequence 3, Application US/08123659A
Patent No. 5656477
GENERAL INFORMATION:
APPLICANT: Jacobsen, J. S.
APPLICANT: Vitek, M. P.
TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation TITLE OF INVENTION: 05 B-Amyloid Peptide
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Anne Rosenblum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 5693478
Patent No. 5693478
Patent No. 5693478
Patent No. 5693478

GENERAL INFORMATION:
APPLICANT: Vitek, M. P.
TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation TITLE OF INVENTION: Of B-Amyloid Peptide
CORRESPONDENCE ADDRESS: 19
CORRESPONDENCE ADDRESS: ADDRESSEE: American Cyanamid Company
STREET: One Campus Drive
CITY: Parsippany
STATE: New Jersey
COUMTRY: United States
ZIP: 07054
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Pred. No. 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                       COURRESPONDENCE ADDRESS:
ADDRESSEE: Anne Rosenblum
STREET: 163 Delaware Avenue, Suite 212
CITY: 163 Delaware Avenue, Suite 212
CITY: 163 Delaware Avenue, Suite 212
CITY: 161 Delaware Avenue, Suite 212
COUNTRY: 0.S.A.
ZIP: 10.05 A.
ZIP: 10.05 A.
ZIP: 10.05 A.
ZIP: 10.05 A.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
COMPUTER: 1BM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 07054
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Scc...
100.0%; Pred. No. ..
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Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , MOLECULE TYPE: protein US-08-123-659A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25 KLVFFAQ 31
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GENERAL INFORMATION:
APPLICANT: Roberts, Eugene
APPLICANT: Roberts, Method for Design of Substances that Enhance Memory and
TITLE OF INVENTION: Improve the Quality of Life
FILE REFERENCE: 2124-310
CURRENT APPLICATION WUMBER: US/09/264,709A
CURRENT FILING DATE: 1999-03-09
PRIOR FILING DATE: 1999-03-09
PRIOR FILING DATE: 1999-02-07
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 31; DB 3; Length 7; Pred. No. 4.1e+05; 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                              Quality of Life in Individuals With Alzheimer Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 31; DB 1;
Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13, Application US/09264709A Patent No. 6320024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
TELEX: No. 5470951e
INFORMATION FOR SEQ 1D NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match,

Best Local'Similarity 85.7
Matches 6, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 85.7
Matches 6; Conservative
  TITLE OF INVENTION: Que
TITLE OF INVENTION: Wit
NUMBER OF SEQUENCES: 1:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
CORGANISM: Homo sapiens
US-09-264-709A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TOPOLOGY: Unknown
US-08-127-904-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 KLVFFAQ 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 KLVFFAE 7
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                                                                                                                                                                                                                    Sequence 6, Application US/08339708A
Patent No. 603751
GENERAL INFORMATION:
APPLICANT: Tatach, Masahiro
APPLICANT: Tatach, Kobayashi
APPLICANT: Tada, No. 6037521ihiro
APPLICANT: Shoji, Mikio
APPLICANT: Shoji, Mikio
APPLICANT: Ravarabayashi, Takeshi
TITLE OF INVENTION: TRANSGENIC ANIMAL MODEL FOR ALZHEIMER'S
TITLE OF INVENTION: DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 3; Length 99;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
CITY: Washington
STATE: D.C.
COMPUTER READABLE FORM:
MEDIUM TYPE: INDEPY disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/339,708A
FILING DATE: 14-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: J3.298
REGISTRATION NUMBER: 31,298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 14, Application US/08127904
Patent No. 5470951
GENERAL INFORMATION:
APPLICANT: Eugene Roberts
TITLE OF INVENTION: Method For Antagonizing
TITLE OF INVENTION: Amnestic Effects of Amyloi
TITLE OF INVENTION: Protein and Improving the
100.0%; Pred. No. 1;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 99 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
  Best Local Similarity 100.
Matches 7; Conservative
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MOLECULE TYPE: protein
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25 KLVFFAQ 31
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16 KLVFFAQ 22
                                                                     1 KLVFFAQ 7
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US-08-339-708A-6
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Patent No. 6462171

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUWANN, Marc
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TERATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PatentIn Release #1.0, Version #1.30
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Pred. No. 4.1e+05;
1; Mismatches 0
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
                                                                                                                                                                                                                                                                                                                PILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1
TELEPHONE: 202-628-5197
TELEPHONE: 202-628-5197
TELEPKS: 202-737-35-28
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Best Local Similarity 85.7
Matches 6; Conservative
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; MOLECULE TYPE: peptide
US-08-630-645-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 single
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION: 435
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STRANDEDNESS: si
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                                                         CITY: WAShirs-
STATE: D.C.
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COUNTRY: USA
ZIP: 20004
                                                                                                              COUNTRY: U
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; Sequence 1, Application US/08630645
; Patent No. 594873
; Patent No. 594873
; Patent No. 594873
; Patent No. 594873
; APPLICANT: SOTO-JARA, Claudio
; APPLICANT: BANANN, Marc
; APPLICANT: FRANGIONE, Blas
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
; TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
; NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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Pred. No. 4.1e+05;
                                                                                                                              APPLICANT: Eugene Roberts
TITLE OF INVENTION: Method For
TITLE OF INVENTION: Method For
TITLE OF INVENTION: Effects of Amyloid n
TITLE OF INVENTION: Effects of Amyloid n
TITLE OF INVENTION: The Quality of Life
TITLE OF INVENTION: the Quality of Life
TITLE OF INVENTION: Mith Alzheimer Disease
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: City of Hope
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA: U. S. Application PRIOR APPLICATION DATA: U. S. Application PRIOR APPLICATION DATA: Gridl No. PRIOR APPLICATION DATA: Gridl No. PRIOR APPLICATION DATA: 29 September 1993 ATTONNEY/AGENT INFORMATION: NAME: Irons, Edward S. REGISTRATION NUMBER: 16,541
REPERBENCE/DOCKET WUMBER: None TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 626-3564 or 783-6030 TELEPAX: (202) 783-6031
                                                                                                                                                                                                                                                                                                                                                                                STREET: 1500 East Duarte Road
CITY: Duarte
STATE: California
COUNTRY: United States of America
ZIP: 91010-0269
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density 5 1/4"
MEDIUM TYPE: diskette
COMPUTER: Wang PC
OPERATING SYSTEM: MS DOS Version 3.20
SOFTWARE: Microsoft
CURRENT APPLICATION DATA:
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FILING DATE: 16 September 1994
                                                                                      Sequence 14, Application PC/TUS9410475
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                       3: City of Hope
1500 East Duarte Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: None
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TOPOLOGY: Unknown
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Best Local Similarity
Matches 6; Conserv
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Gaps ;

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Sequence 64, Application US/08766596A
; Ratent No. 6462171
; GENERAL INFORMATION:
    APPLICANT: SOTO-JARA, Claudio
    APPLICANT: SOTO-JARA, Claudio
    APPLICANT: BAUNANN, Marc
    APPLICANT: FRANGIONE, Blas
    TITLE OF INVENTION: DEPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
    TITLE OF INVENTION: DEPOSITS
    NUMBER OF SEQUENCES: 69
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: BROWDY AND NEIMARK
    STREET: 419 Seventh Street, N.W., Suite 400
    CITY: Washington
    STATE: D.C.
    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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                                                                                    Length 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                        4.1e+05;
                                                                                  Score 31; DB 5;
Pred. No. 4.1e+05
1; Mismatches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION NUMBER: US 08/478,326
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1
TELEPHONE: 202-628-5197
TELEPHONE: 202-731-3529
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                    91.2%;
                                                                                  Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 85.7
Matches ( 6) (6) Conservative
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            single
                      MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amino acid
  TOPOLOGY: linear
                                                                                                                                                                      1 KLVFFAQ 7
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                                                                                                                                                                                                              1 KLVFFAB 7
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                                                                                                                                                                                                                                                                            RESULT 18
US-08-766-596A-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-766-596A-64
                                          PCT-US96-10220-1
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Pred. No. 4.1e+05;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10220
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL, TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISTILLE OF INVENTION: WITH PROTEIN FOLDING INTO AM NUMBER OF SEQUENCES:

ADDRESSPONDENCE ADDRESS:
ADDRESSE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400 CITY: Washington STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOTO-JARA=1 PCT
                                                     PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-4UN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REBERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION WUMBER:
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION WUMBER: US 08/630,645
FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
                      APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application PC/TUS9610220 GENERAL INFORMATION: APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                  TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 85.7
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: peptide US-08-766-596A-1
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: si
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KLVFFAE 7
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Gaps

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| Patent No. 6'44427
| GENERAL INFORMATION:
| APPLICANT: Schenk, Dale B.
| APPLICANT: Schenk, Dale B.
| APPLICANT: Bard, Frederique
| APPLICANT: Vasquez, Nicki
| PRIOR FILING DATE: 2000-11-28
| PRIOR FILING DATE: 1999-05-28
| PRIOR FILING DATE: 1999-05-28
| PRIOR APPLICATION NUMBER: WO PCT/USO0/14810
| PRIOR APPLICATION NUMBER: WO PCT/USO0/14810
| PRIOR APPLICATION NUMBER: WO 60/080,970
| PRIOR FILING DATE: 1998-04-07
| SEQ ID NOS: 77
| SEQ ID NOS: 77
| SEQ ID NOS: 77
| LENGTH. 10
                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide , OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid , OTHER INFORMATION: peptide)
US-09-724-961-21
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Pred. No. 0.73;
1; Mismatches
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85.7%; Pred. No. 0.73;
ative 1; Mismatches
PRIOR APPLICATION NUMBER: US 60/067,740 PRIOR FILING DATE: 1997-12-02 NUMBER OF SEQ ID NOS: 77 SOFTWARE. Patentin Ver. 2.1 SEQ ID NO 21 LENGTH: 10
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108-09-724-961-23
Sequence 23, Application US/09724961
Parent No. 6743427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 22, Application US/09724961
Patent No. 6743427
                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity
Matches 6; Conserv
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APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Vasquez, Nicki
APPLICANT: Yaquez, Nicki
APPLICANT: Yaquez, Nicki
APPLICANT: Yaquez, Nicki
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REPERENCE: 122700-004750UC
CURRENT APPLICATION NUMBER: US 09/580,015
PRIOR APPLICATION NUMBER: US 09/580,015
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: WO 99/201,430
PRIOR FILING DATE: 1998-11-30
PRIOR PLILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-04-07
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                                                                                                                             APPLICANT: Kiessling, Laura L.
APPLICANT: Murphy, Regina M.
TITLE OF INVENTION: INHIBITORS OF BETA-AMYLOID TOXICITY
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
STREET: 411 East Wisconsin Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 3; Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                        ADDRESSE: Quartes & Brady
STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53202-4497
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,833
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 31; DB 3;
Pred. No. 0.73;
1; Mismatches
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Patent No. 6743427
GENERAL INFORMATION:
                                                         Sequence 3, Application US/08970833
Patent No. 6022859
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BAKEr, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 9602
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (414) 277-5709
TELEFAX: (414) 271-3552
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: linear;
; MOLECULE TYPE: peptide
US-08-970-833-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
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US-09-724-961-21
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Sequence 22, Application US/09580018

Sequence 22, Application US/09580018

GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease;
FILE REFERENCE: 152707-004760US;
CURRENT APPLICATION NUMBER: US/09/580,018
CURRENT PILING DATE: 2000-05-26;
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO. 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Tederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease;
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease;
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease;
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease;
TITLE OF INVENTION: 1004760US
CURRENT APPLICATION NUMBER: US 09/322,289;
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
                 OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
                                                                                                                                                                                       Length 10;
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                                                                                                                                                                                           91.2%; Score 31; DB 4;
85.7%; Pred. No. 0.73;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 31; DB 4
Pred. No. 0.73;
1; Mismatches
                                                                                                                                                                                                                                                              1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 21, Application US/09580018
; Patent No. 6761888
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                                                                                                                                                                                                                           Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity
Matches 6: Conserv
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                                                                                           ; OTHER INFORM US-09-724-961-24
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US-09-580-018-21
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GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Vasquez, Nicki
APPLICANT: Vasquez, Nicki
CURENT: Yednock; Ted
CURENT PLICATION NUMBER: US/09/724,961
CURENT APPLICATION NUMBER: US/09/580,015
PRIOR PRING DATE: 2000-11-28
PRIOR PLING DATE: 1999-05-26
PRIOR PLING DATE: 1999-05-26
PRIOR APPLICATION NUMBER: US/09/201,430
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR PLING DATE: 1998-11-30
PRIOR PLING DATE: 1998-11-30
PRIOR PLING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
PRIOR PRIOR PRIOR DATE: 1998-04-07
PRIOR PRIOR PRIOR DATE: 1998-04-07
PRIOR PRIOR PRIOR DATE: 1998-04-07
PRIOR PRIOR DA
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Patent NO. 6743427
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Vasquez, Nicki
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152703-004750UC
CURRENT APPLICATION NUMBER: US/09/724,961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-09-724-961-23
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Pred. No. 0.73;
1; Mismatches 0; Indels
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PRIOR APPLICATION NUMBER: US 09/580,015
PRIOR PILING DATE: 2000-11-28
PRIOR PILING DATE: 2000-65-26
PRIOR APPLICATION NUMBER: US 09/32,289
PRIOR PELING DATE: 1999-05-28
PRIOR PEPLICATION NUMBER: US 09/201,430
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-10-07
PRIOR SELING DATE: 1998-10-07
PRIOR FILING DATE: 1998-10-07
PRIOR FILING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 77
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 85.70
Local 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 KLVFFAQ 7
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LENGTH: 10
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Gaps

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Sequence 21, Application US/09724551
Fatent No. 6787637
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Wednock, Ted
TITLE OF INVENTION Prevention and Treatment of Amyloidogenic Disease
CURRENT APPLICANTON NUMBER: US/09/724,551
CURRENT APPLICANTON NUMBER: US/09/724,551
CURRENT PILING DATE: 2000-01-28
FRIOR FILING DATE: 2000-01-28
FRIOR FILING DATE: 1999-05-26
FRIOR FILING DATE: 1999-05-26
NUMBER OF SEQ ID NOS: 77
SEQ ID NO 21
LENGTH: 10
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Sequence 22, Application US/09724551

Sequence 22, Application US/09724551

Sequence 22, Application US/09724551

Sequence 22, Application US/09724551

Sequence 22, Application of Sequence 23, Application in Comparison of Mayoridation in Comparison of Mayoridation in APPLICANT: Schenk, Dale B.

APPLICANT: Sednock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

FILE REPRENDE: 12300-004760US

CURRENT APPLICATION NUMBER: US/09/580,018

PRIOR APPLICATION NUMBER: US 09/580,018

PRIOR APPLICATION NUMBER: US 09/322,289

FRIOR PILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: Patentin Ver: 2.1

SEQ ID NO 22
                                                        Gaps
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       Score 31; DB 4; Length 10;
                                                      0; Indels
                              Pred. No. 0.73;
1; Mismatches
    h 91.2%;
Similarity 85.7%;
6; Conservative 1
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Best Local Similarity 85.7-
د. و Conservative
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                          Best Local Similarity
Matches 6; Conserv
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         Query Match
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| Sequence 23, Application US/09580018
| Patent No. 676188
| GENERAL INFORMATION:
| APPLICANT: Schenk, Dale B.
| APPLICANT: Bard, Frederique
| APPLICANT: Yednock, Ted
| TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
| TITLE NEFERENCE: 152703-004760US
| CURRENT FILING DATE: 1200-05-26
| PRIOR PPLICATION NUMBER: US 09/322,289
| PRIOR FILING DATE: 1999-05-28
| NUMBER OF SEQ ID NOS: 77
| SOFTWARE: PatentIn Ver. 2.1
| SEQ ID NO 23
| LENGTH: 10
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Fatent No. 6761888
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152704-004760US
CURRENT TILING DATE: 2000-05-26
FRICK APPLICATION NUMBER: US/09/580,018
CURRENT FILING DATE: 1999-05-28
FRIOR PILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 10
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US-09-580-018-24
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                                                                  Score 31; DB 4; Length 10;
Pred. No. 0.73;
1; Mismatches 0; Indels
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Pred. No. 0.73;
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ORGANISM: Artificial Sequence
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; OTHER INFORMATION: peptide)
US-09-580-018-22
                                                                  Query Match
Best Local Similarity 85.7
Matches 6; Conservative
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KLVFFAE 9
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US-09-580-018-23
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US-09-580-018-24
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Conservative
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MEDIUM TYPE: Floppy
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STRANDEDNESS: si
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Best Local Similarity
Matches 6; Conserv
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Best Local Similarity
Matches 6; Conserv
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STATE: D.C.
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US-09-724-551-24
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US-09-724-551-24

i Sequence 24, Application US/09724551

i Patent No. 6787637

j GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique

APPLICANT: Bard, Frederique

APPLICANT: Bard, Frederique

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

CURRENT APPLICATION NUMBER: US/09/724,551

CURRENT FILING DATE: 2000-01-26

PRIOR APPLICATION NUMBER: US/09/580,018

PRIOR PELING DATE: 1999-05-26

PRIOR PELING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: PatentIN Ver. 2.1

SEQ ID NO 24

LENGTH: 10
                                                                                                                                                                                                                                             Sequence 23, Application US/09724551

Factor No. 6787637

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique

APPLICANT: Bard, Frederique

APPLICANT: Pédnock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

CURRENT APPLICATION NUMBER: US/09/724,551

CURRENT FILING DATE: 2000-11-20

FRIOR FILING DATE: 2000-11-20

FRIOR FILING DATE: 1099/980,018

FRIOR FILING DATE: 1099-6-26

FRIOR FILING DATE: 1099-6-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: PATENTIN VET: 2.1

SEQ ID NO 23

LENGTH: 10
                                                                  Gaps
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                    Score 31; DB 4; Length 10; Pred. No. 0.73;
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ORGANISM: Artificial Sequence
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               Query Match
Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity 85.7
Matches 6; Conservative
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US-09-724-551-23
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APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: FRANGIONE BIAS
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
TITLE OF INVENTION: MITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
NUMBER OF SEQUENCES: 26
CORRESPONDENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
                                               ö
                                               Gaps
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  Length 10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AUDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
Score 31; DB 4;
Pred. No. 0.73;
                                               Mismatches
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
APPLING DATE: 06-UNW-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGIGTHATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICANT: SOTO-JARA, Claudio
                                                                                                                                                                                                                                          Sequence 14, Application US/08630645; Patent No. 5948763; GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
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TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED
TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEB: BROWDY AND NEIMARK
SITREET: 419 Seventh Street, N.W., Suite 400
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CURRENT APPLICATION NUMBER: US/09/988,842
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: US 60/251,662
PRIOR APPLICATION NUMBER: US 60/253,695
PRIOR FILING DATE: 2000-11-20
NUMBER OF SEQ ID NOS: 26
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 25
LENGTH: 11
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ORGANISM: Artificial Sequence
FEATURE:
US-09-988-842-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetically generated peptide US-09-988-842-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        91.2%; Score 31; DB 4;
85.7%; Pred. No. 0.81;
tive 1; Mismatches
                                                                                                    Score 31; DB 4;
Pred. No. 0.81;
1; Mismatches
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GENERAL INFORMATION:
APPLICANT:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                        Sequence 25, Application US/09988842
Patent No. 6716589
GENERAL INFORMATION:
                                                                                                         91.2%;
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Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                           Query Match
Best Local Similarity 85.7
Matches 6; Conservative
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2 KLVFFAE 8
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2 KLVFFAE 8
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             TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: DEPOSITS
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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Sequence 9, Application US/0998842;
Fatent No. 6716589;
GENERAL INFORMATION:
APPLICANT: JOHANSON, Jan
TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION;
TITLE OF INVENTION: OF AMYLOID FORMATION;
FILE REFERENCE: 12125-002001;
CURRENT APPLICATION NUMBER: US/09/98,842
CURRENT APPLICATION NUMBER: US 60/251,662
FRIOR APPLICATION NUMBER: US 60/251,662
FRIOR APPLICATION NUMBER: US 60/253,695
FRIOR FILING DATE: 2000-11-20
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 9;
LENGTH: 11
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                                                                                                                                                                                                                                                              ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
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Pred. No. 0.81;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
FILING DATE: 06-JUN-1995
ATTORNEY/AGBNT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          91.2%;
85.7%;
        FRANGIONE, Blas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 11 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 85.7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 KLVFFAQ 7
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COMPUTER: IBM PC COmpatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 91.2%;
Best Local Similarity 85.7%;
Matches 6; Conservative
                               ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 15 amino acida
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide FRAGMENT TYPE: internal
  Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
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GENERAL INFORMATION:
Patent No. 6582945

GENERAL INFORMATION:
APPLICANT RABO, VICTOR
TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
FILE REPERENCE: BERI-2004
CURRENT PILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/139,408
PRIOR PILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 7
SEQ ID NO 5
LENGTH: 14
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Sequence 14, Application US/08612785B

Sequence 14, Application US/08612785B

Patent No. 5854204

GENERAL INFORMATION:

APPLICANT: Findeis, Mark A. et al.

TILE OF INVENTION: Ab Peptides that Modulate b-Amyloid

TITLE OF INVENTION: Aggregation

NUMBER OF INVENTION: Aggregation

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD

STREET: 28 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 5; Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
          PAPPLICATION NUMBER: US 08/478,326
PILING DATE: 06-7UN-1995
PRIOR APPLICATION DATA: 06-7UN-1995
APPLICATION NUMBER: US 08/630,645
ATTORNEY/AGENT INFORMATION: NAME: BROWDY, ROGER L. REGISTRATION NUMBER: 25,618
REGISTRATION NUMBER: 25,618
REGISTRATION NUMBER: SOTO-JARA=1 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 31; DB Pred. No. 1; Nismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 31;
Pred. No.
                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 14: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                 LENGTH: 11 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 91.2
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                    202-737-3528
                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear

MOLECULE TYPE: peptide

PCT-US96-10220-14
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
US-09-594-366-5
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Best Local Similarity
Matches 6; Conserv
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US-09-594-366-5
                                                                                                                                                                                                                                                                                              LENGTH:
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Fatent No. 5854204
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 31; DB 2;
Pred. No. 1.1;
1; Mismatches
                                           ADDRESSEE: LAHIVE & COCKFIELD STREET: 28 State Street, Suite 510 CITY: Boston STATE: Massachusetts
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us-u8-766-596A-56

j Sequence 56, Application US/08766596A

j Patent No. 6462171

GENERAL INFORMATION:
APPLICANT: BAUMANN, Marc
APPLICANT: BRANGTION:
TITLE OF INVENTION: DEPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
STREET: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                   DB 3; Length 15;
                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

CONTANEN: PatentlN: PC-DOS/NS-DOS

SOCTAMEN: PELLOATION DATA:

APPLICATION NUMBER: US/08/766,596A

FILING DATE:

FLING DATE:

RECOMPANDED TO-ARE-1996

PHIOR APPLICATION NUMBER: US 08/630,645

PHIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/478,326

PHIOR APPLICATION NUMBER: US 08/478,326

PHIOR APPLICATION NUMBER: US 08/478,326

PHIOR APPLICATION NUMBER: 37,971

REFERRATION NUMBER: 202-33-3528
                                                                                                                                                                                                                                                             1; Mismatches
                                                                                                                                                                                                      Score 31;
Pred. No. 1
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SEQUENCE CHARACTERISTICS:
FRUGHH: 15 amino acids
                                                                                                                                                                                                      Query Match 91.2%;
Best Local Similarity 85.7%;
Matches 6; Conservative
15 amino acids
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MOLECULE TYPE: peptide
                                                                             MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
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                           amino acid
3Y: linear
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                              TYPE: ami
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      LENGTH:
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Sequence 14, Application US/08617267C
Sequence 14, Application US/08617267C
Sequence 11 NPGPRATION:
APPLICANT: Findels, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STARET: 28 State Street
CITY: Boston
STARET: 01109-1875
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ENGENTINE PC-DOS/MS-DOS
SOFTWARE: PatentIN Release #1.0, Version #1.25
COMPUTER: PatentIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 0-TOW-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/58,998
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/58,998
FILING DATE: 17-COCT-1995
ATTORNEY APPLICATION DATA:
APPLICATION NUMBER: PPI-002CP2
FILING DATE: 17-COCT-1995
ATTORNEY APPLICATION DATA:
APPLICATION NUMBER: PPI-002CP2
FILING DATE: 17-COCT-1995
ATTORNEY APPLICATION NUMBER: PPI-01207
FILING DATE: 17-207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 2; Length 15; 1.1;
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85.7%; Pred. No. 1.1;
iive 1; Mismatches
      FILING DATE: 14-MAR-1995
PRICR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECORLI, GIULIO A.
REGISTRATION NUMBER: 31,503
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6 KLVFFAE 12
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APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: BRANGIONE, BLAS
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
WUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
      ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY:"Washington
STATE: D.C.
COUNTRY: USA
                                                                                                          STREET: 419 Seventh Street, N.W., Suite 400 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 31;
Pred. No.
                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 61, Application US/08766596A; Patent No. 6462171; GENERAL INFORMATION:
                                                                                        BROWDY AND NEIMARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    91.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    15 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  202-737-3528
                                                                                                                                                                                         ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                              NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
    TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: Bi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                KLVFFAE 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      KLVFFAQ 7
                                                                                                                                  STATE: D.C.
                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-766-596A-58
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                                                                                                                                                                 APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUWANN, Marc
APPLICANT: RANGIONE, Blas
APPLICANT: FRANGIONE, Blas
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 58, Application US/08766596A
Patent No. 6462171
GENERALI INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: RAUMANN, Marc
APPLICANT: RAUMANN, Marc
APPLICANT: FRAUMICIONE: BLas
APPLICANT: PEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PACENTEM: PC-DOS/MS-DOS SOFTWARE: PACENTIN Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/766,596A FILING DATE:
                                                                                                                                                                                                                                                                                                                                                               ADDRESSE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Mashington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1955
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                 Sequence 57, Application US/08766596A
Patent No. 6462171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 20004.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 15 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
    5 KLVFFAE 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
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US-08-766-596A-58
                                                                                 US-08-766-596A-57
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Sequence 65, Application US/08766596A
Patent No. 6462171
GENERAL INPORMATION:
PAPLICANT:
PAPLICANT:
PAPLICANT:
PRANGIONE, Blas
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID LIKE
TITLE OF INVENTION: BEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIGHBARK
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIGHBARK
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIGHBARK
CORRESPONDENCE ADDRESS:
CORRESPONDE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SSEE: BROWDY AND NEIMARK
T: 419 Seventh Street, N.W., Suite 400
Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFRAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOTO-JARA=1A
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UNN-1995
ATTORNEY AGENT INFORMATION:
NAME: YUN, Allen C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: YOU, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHONE: 202-628-5197
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                   TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 62
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 85.7
Matches 6; Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 KLVFFAQ 7
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 46
US-08-766-596A-65
                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-766-596A-63
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APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, MAIC
APPLICANT: BAUMANN, MAIC
APPLICANT: BAUMANN, MAIC
APPLICANT: BAUMANN, BLAS
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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MEDIUM TYPE: FOPOPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
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STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
CATE: D.C.
COUNTRY: USA
                                                                                                                                               FILLING WILE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRING DATE: 10-APR-1996
PRIOR APPLICATION NUMBER: US 08/478,326
FILLING DATE: 06-JUN-1995
FILLING DATE: 06-JUN-1995
FILLING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: SOTO-JARA=1A
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELEPHONE: 202-28-5197
TELEPHONE: 202-28-5197
TELEPHONE: 202-28-5197
TELEPHONE: 202-28-5197
TELEPHONE: 202-737-3528
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 63, Application US/08766596A
Patent No. 6462171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   91.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 KLVFFAQ 7
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TELEFAX: (414) 271-3552
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 amino acids
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Best Local Similarity 85.7%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , MOLECULE TYPE: peptide US-08-970-833-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Roberts, Eugene

TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and

TITLE OF INVENTION: Improve the Quality of Life

FILE REFERENCE: 2124-310

CURRENT APPLICATION NUMBER: US/09/264,709A

CURRENT FILING DATE: 1999-03-09

PRIOR PILING DATE: 1997-02-07

NUMBER OF SEQ ID NOS: 39
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TITLE OF INVERTION:
APPLICANT: Raso, Victor
TITLE OF INVERTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
CURRENT APPLICATION NUMBER: US/09/594,366
CURRENT APPLICATION NUMBER: 60/139,408
PRIOR PILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 17
                                                                              Gaps
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                                    Score 31; DB 4; Length 15; Pred. No. 1.1; 1; Mismatches 0; Indels
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Pred. No. 1.3;
1; Mismatches 0; Indels
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85.7%; Pred. No. 1.3;
ive 1; Mismatches 0; Indels
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US-08-970-833-11
; Sequence 11, Application US/08970833
                                                                                                                                                                                                           RESULT 47
US-09-264-709A-2
'Sequence 2, Application US/09264709A
'Parent No. 6320024
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Patent No. 6582945
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Best Local Similarity 85.7
Matches 6; Conservative
                                    Query Match
Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity 85.7
Matches 6; Conservative
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ORGANISM: Homo sapiens
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US-09-594-366-3
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5 KLVFFAE 11
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| KLVFFAE 11
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US-08-766-596A-65
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SEQ ID NO 2
LENGTH: 17
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US-09-723-384-5

Sequence 5, Application US/09723384

Sequence 5, Application US/09723384

Sequence 5, Application US/09723384

Sequence 5, Application US/09723384

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

FILE REFERENCE: 15270J-004740US

CURRENT FILING DATE: 2000-11-28

PRIOR FILING DATE: 1999-05-28

PRIOR FILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 5

SOFTWARE: PATENTIN Ver: 2.1

SEQ ID NO 5

TYPE: PRT

TYPE: PRT

SEQUENCE: SEQUENCE

SEQUENCE: SE
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OTHER INFORMATION: Description of Artificial Sequence:Abeta13-28
OTHER INFORMATION: peptide with carboxyl terminal Cyg residue
OTHER INFORMATION: inserted and two added Gly residues
NAME/KEY: NOD_RES
LOCATION: (1)
OTHER INFORMATION: Xaa = acetyl histidine
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GENERAL INFORMATION:
APPLICANT: Kiessling, Laura L.
APPLICANT: Murphy, Regina M.
TITLE OF INVENTION: INHIBITORS OF BETA-AMYLOID TOXICITY
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Wisconsin
COUNTRY: U.S.A.
ZOUNTRY: U.S.A.
ZOUNTRY: U.S.A.
ZOUNTRY: U.S.A.
ZOUNTRY: U.S.A.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PELOPY disk
COMPUTER: PACHILI RELEASE #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970, 833
FILING DATE:
CLASSIPICATION: US/08/970, 833
FILING DATE:
CLASSIPICATION: SOURCE RESEARCE FORCE REGISTRATION:
NAME: Baker, Jean C.
REGISTRATION NUMBER: 960296,94291
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 31; DB 3;
Pred. No. 1.4;
1; Mismatches
                                                                                                                                                                                                                                                                                                 ADDRESSEE: Quarles & Brady
STREET: 411 East Wisconsin Avenue
CIIY: Milwaukee
```

US-09-723-384-5

0; Gaps Query Match 91.2%; Score 31; DB 4; Length 19; Best Local Similarity 85.7%; Pred. No. 1.4; Matches 6; Conservative 1; Mismatches 0; Indels

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Search completed: March 9, 2005, 06:43:04 Job time : 18.6986 secs

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Sequence Sequence Sequence Sequence Sequence	Sequence		Sequence (Sequence 12 Sequence 14 Sequence 4,	Sequence 4, Sequence 3,	Sequence 1, Sequence 4,	Sequence 36	Sequence 40 Sequence 6, Sequence 6, Sequence 1,	Sequence Sequence Sequence Sequence Sequence	Sequence 1, Sequence 1, Sequence 1,	Sequence S					Modulating hy							4; Length 9; e+05;	0; Indels 0; Gaps 0;		
100.0 28 3 US-0 100.0 28 3 US-0 100.0 28 3 US-0 100.0 28 3 US-0	100.0 28 3 US-0	100.0 28 4 US-0 100.0 28 4 US-0 100.0 28 4 US-0 100.0 28 4 US-0	100.0 28 4 US-0 100.0 28 4 US-0 100.0 28 4 US-0 100.0 28 4 US-0	100.0 28 4 US-0 100.0 28 4 US-0 100.0 28 4 US-0	100.0 28 4 US-0	100.0 30 4 US-0 100.0 33 2 US-0	100.0 35 2 US-08-512-785B-3	100.0 35 2 US-08-612-7835-4 100.0 36 4 US-09-66-90-06 100.0 36 4 US-09-861-847A-6 100.0 36 4 US-09-861-847A-6	00.0 38 1 US-08-302-808-1 00.0 38 2 US-07-737-371E-6 00.0 39 1 US-08-966-948-1 00.0 39 1 US-08-304-585-5 00.0 39 2 US-08-909-7	100.0 39 2 US-0.100.0 100.0 40 1 US-0.	100.0 40 1 US-0	ALIGNMENTS	1-20	acion US/09/4/40	Green, Allan M. Gervais. Francine	 Compounds And Methods For Cerebral Amyloid Angiopat 	RENCE: NBI-088	LING DATE: 2000-12-22 ICATION NUMBER: 60/171,877	NG DATE: 1999-12-23 SEQ ID NOS: 24	FastSEQ for Windows Version 4.0 :0		Homo sapiens 1-20	100.0%; Score 50; DB imilarity 100.0%; Pred. No. 4.1	; Conservative 0; Mismatches	HHOKLVFFA 9	. HHQKLVFFA 9
									6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6				RESULT 1 US-09-747-408	; Sequence zo, Applic; Patent No. 6670399 ; GENERAL INFORMATION	; APPLICANT: Green,	; TITLE OF I	; FILE REFER	; CURRENT FI	; PRIOR FILI ; NUMBER OF	; SOFTWARE:	; LENGTH: 9 ; TYPE: PRT	; ORGANISM: US-09-747-408	Query Match Best Local S	Matches	0,7	Db 1
		o e									ed,			Appl Appl	Appl	Appl Appl	Appl Appl	Appl Appl	Appl Appl	Appli Appli	Appli Appli	Appli Appli	Appii Appli Appli	Appli Appli	Appli Appli	Appli Appli
version 5.1.6 - 2005 Compugen Ltd.	sw model	<pre>:36 ; Search time 24.0411 Seconds (without alignments) 27.946 Million cell updates/sec</pre>		6.0	74649064 residues	chosen parameters: 513545		* summaries	<pre>led_Patents_AA:* cgn2_6/ptodata/1/iaa/5A_COMB.pep:* cgn2_6/ptodata/1/iaa/5B_COMB.pep:* cgn2_6/ptodata/1/iaa/5A_COMB.pep:* cgn2_6/ptodata/1/iaa/6A_COMB.pep:* cqn2_6/ptodata/1/iaa/6B_COMB.pep:*</pre>	laa/PCTUS COMB.pep:* /iaa/backfiles1.pep:*	results predicted by chance to have a . to the score of the result being printed, of the total score distribution.	SUMMARIES	Description	Sequence 20,	-724-961-21 Sequence 21, -580-018-20 Sequence 20,	-580-018-21 Sequence 21,	-724-551-21 Sequence 21, -612-785B-37 Sequence 37.	-766-596A-60 Sequence 60, -766-596A-61 Sequence 61,	-766-596A-63 Sequence 63, -766-596A-65 Sequence 65,	-264-709A-2 Sequence 2, -594-366-3 Sequence 3,	-304-585-7 Sequence 7, -346-849-4 Sequence 4,	-302-808-7 Sequence 7,	-08-986-948-/ Sequence ', Appli -08-293-284A-4 Sequence 4, Appli -08-461-216-2 Sequence 2, Appli	-388-890-2 Sequence 2, -388-890-3 Sequence 3,	-388-890-4 Sequence 4, -388-890-5 Sequence 5,	-388-890-6 Sequence 6, -388-890-7 Sequence 7,

Gaps

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| Sequence 2.1. Application US/09580018 |
| Sequence 2.1. Application US/09580018 |
| Patent No. 6761888 |
| GENERAL INFORMATION: |
| APPLICANT: Schenk, Dale B. |
| APPLICANT: Schenk, Tederique |
| APPLICANT: Yednock, Ted |
| TILE OF INTENTION: Prevention and Treatment of Amyloidogenic Disease |
| TILE REFERENCE: 152700-004760US |
| CURRENT APPLICATION NUMBER: US/09/580,018 |
| PRIOR PILLING DATE: 1999-05-26 |
| PRIOR FILLING DATE: 1999-05-28 |
| NUMBER OF SEQ ID NOS: 77 |
| SEQ ID NO 2: 77 |
| SEQ ID NO 2: 1 |
| LENGTH: 10 |
| LENGTH: 10
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| Sequence 20, Application US/09580018
| Patent No. 6761888
| GENERAL INFORMATION:
| APPLICANT: Schenk, Dale B.
| APPLICANT: Sednock, Ted
| APPLICANT: Yednock, Ted
| TILE REFERENCE: 15270J-004760US
| TILE REFERENCE: 15270J-004760US
| CURRENT FILING DATE: 2000-05-26
| PRIOR APPLICATION NUMBER: US/09/580,018
| PRIOR APPLICATION NUMBER: US 09/322,289
| PRIOR PLING DATE: 1999-05-28
| NUMBER OF SEQ ID NOS: 77
| SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
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100.0%; Score 50; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0021;
Matches 9; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 0.0021;
Matches 9; Conservative 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
                                                                                                                      TYPE: PRT ORGANISM: Artificial Sequence
SOFTWARE: Patentin Ver. 2.1
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US-09-580-018-21
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LENGTH: 10
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LENGTH: 10
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                                                                                                US-US-124-961-20

| Sequence 20, Application US/09724961
| Patent No. 674347
| GENERAL INFORMATION:
| APPLICANT: Schenk, Dale B. |
| APPLICANT: Schenk, Dale B. |
| APPLICANT: Schenk, Dale B. |
| APPLICANT: Vednock, Tederique |
| TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease |
| TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease |
| TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease |
| FRICANTION NUMBER: US/09/724,961 |
| CURRENT APPLICATION NUMBER: US/09/226,015 |
| PRIOR FILING DATE: 1999-05-28 |
| PRIOR FILING DATE: 1999-11-30 |
| PRIOR FILING DATE: 1998-11-30 |
| PRIOR PELICATION NUMBER: US/09/09/09 |
| PRIOR FILING DATE: 1998-11-30 |
| PRIOR FILING DATE: 1997-11-30 |
| PRIOR FIL
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APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Vaquez, Nicki
APPLICANT: Vednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE REPERENCE: 15270J-004750U7
CURRENT APPLICATION NUMBER: US/09/724,961
CURRENT FILING DATE: 2000-11-28
FRIOR FILING DATE: 2000-62-26
FRIOR PLING DATE: 1998-11-30
FRIOR PLING DATE: 1998-11-30
FRIOR PLING DATE: 1998-11-30
FRIOR FILING DATE: 1998-11-30
FRIOR FILING DATE: 1998-11-30
FRIOR FILING DATE: 1998-11-30
FRIOR FILING DATE: 1998-04-07
FRIOR FILING DATE: 1998-04-07
FRIOR FILING DATE: 1998-04-07
FRIOR FILING DATE: 1998-04-07
FRIOR FILING DATE: 1998-11-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ..
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Best Local Similarity 100.0%; Pred. No. 0.0021;
Matches 9; Conservative 0; Mismatches 0; Indels
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Patent No. 6743427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
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                                           RESULT 2
US-09-724-961-20
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Gaps

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OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-09-724-551-21
                                                                                                                                                                                                                      Query Match 100.0%; Score 50; DB 4; Length 10; Best Local Similarity 100.0%; Pred. No. 0.0021; Matches 9; Conservative 0; Mismatches 0; Indels
                                 TYPE: PRT/
ORGANISM: Artificial Sequence
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FRAGMENT TYPE: internal
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Sequence 21, Application US/09724551

Sequence 21, Application US/09724551

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique

APPLICANT: Vednock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TILE REFERENCE: 15270J-004760US

CURRENT APPLICATION NUMBER: US/09/724,551

CURRENT FILING DATE: 2000-11-28

FRIOR APPLICATION NUMBER: US/09/580,018

PRIOR APPLICATION NUMBER: US/09/580,018

PRIOR APPLICATION NUMBER: US/09/580,018

PRIOR APPLICATION NUMBER: US/09/580,018

SPRIOR FILING DATE: 2000-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 6

US-09-724-551-20

Sequence 20, Application US/09724551

Patent No. 6787637

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Schock, Ted

TILE OF INVENTION:

FILE REFRENCE: 152704-004760US

CURRENT APPLICATION NUMBER: US/09/724,551

CURRENT APPLICATION NUMBER: US/09/580,018

PRIOR APPLICATION NUMBER: US/09/580,018

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SEQ ID NO 20

LENGTH: 10
                                                                                                                                                                                                                                                    Gaps
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                                             FEATURE:
CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
US-09-580-018-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
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                                                                                                                                                                                               Query Match
100.0%; Score 50; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0021;
Matches 9; Conservative 0; Mismatches 0; Indels
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TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                               1 HHQKLVFFA 9
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US-09-724-551-21
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                                                                            GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
                                                                                                                                                                                                                                                                                                                         STREET: 28 STREET, SUITE 510
CITY: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
FILING DATE: 14-4MAR.1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 14-4MAR.1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 17-07-1010:
AMME: DECONTI, Gillio A.
NAMME: DECONTI, Gillio A.
NAMME: DECONTI, Gillio A.
NAMME: DECONTI, Gillio A.
NAMME: DECONTI, GILLIO BERSE: PPI-002CP3
REFERENCE/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION INFORMATION:
THE PERENCE / GIJ 27-7-7400
                                                                                                                                                                                                            NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
US-08-612-785B-37; Sequence 37, Application US/08612785B; Patent No. 5854204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
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Sequence 63, Application US/08766596A

Sequence 63, Application US/08766596A

Patent No. 6462171

APPLICANT: SOTO-JARA, Claudio

APPLICANT: BAUMANN, Marc

APPLICANT: BAUMANN, Marc

APPLICANT: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE

TITLE OF INVENTION: DEPOSITS

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 50; DB 4; Length 15; 100.0%; Pred. No. 0.0031; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: BROWDY AND NEIMARK
419 Seventh Street, N.W., Suite 400
                                                                                                                                  ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-ARR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 61: SEQUENCE CHARACTERISTICS: LENGTH: 15 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                             ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ouery Match 100.
Best Local Similarity 100.
Matches 9; Conservative
                   TITLE OF INVENTION: COMITITE OF INVENTION: ASSC
TITLE OF INVENTION: DEP
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: peptide
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HHQKLVFFA 10
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US-08-766-596A-63
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COUNTRY:
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                                                                                                   RESULT 9
US-08-766-596A-60
is Sequence 60, Application US/08766596A
patent No. 6462171
is GENERAL INFORMATION:
APPLICANT: SOTO-JRA, Claudio
APPLICANT: STANGIONE, Blas
itTLE OF INVENTION: PERTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
ITTLE OF INVENTION: DEPOSITS
INUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NBIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Machington
CITY: ADDRESSEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 61, Application US/08766596A
Patent No. 6462171
GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: FOR PHARMACEUTICAL
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIPICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 6-UNN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELECHNICATION INFORMATION:
TELECHNICATION INFORMATION:
TELEFRX: 202-628-5197
TELEFRX: 202-737-3528
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS COSTWARE: PatentIn Pal-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: peptide
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                       1 HHQKLVFFA 9
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US-08-766-596A-61
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FRAUELL NO. 0.4.00.04

APPLICANT: Roberts, Eugene
TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and
TITLE OF INVENTION: Improve the Quality of Life
TITLE OF INVENTION: Improve the Quality of Life
FILE REFERENCE: 2124-310
CURRENT PILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: 08/79/,782
PRIOR APPLICATION NUMBER: 08/79/,782
PRIOR APPLICATION NUMBER: 08/79/,782
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver: 2.1
EENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 50; DB 4; Length 15; Best Local Similarity 100.0%; Pred. No. 0.0031; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 50; DB 3; Length 17; 100.0%; Pred. No. 0.0036; tive 0; Mismatches 0; Indels
                                     NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHONE: 202-73-328
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 anino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 2, Application US/09264709A; Patent No. 6320024
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Best Local Similarity 100.0%;
Matches 9; Conservative
           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 HHOKLVFFA 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens
US-09-264-709A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 HHOKLVFFA 10
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 HHQKLVFFA 9
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US-09-264-709A-2
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US-09-594-366-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
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APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, Marc
APPLICANT: PRANGIONE, BLAB
TITLE OF INVENTION: DEPTILES AND PHARMACEUTICAL
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
WUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
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CLERKATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATR:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
STATE: Washington
STATE: D.C.
                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELEPHONE: 202-628-5197
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
PILING DATE: 10-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 12
US-08-766-596A-65
; Sequence 65, Application US/08766596A
; Patent No. 6462171
; GENERAL INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 63: SEQUENCE CHARACTERISTICS: LENGTH: 15 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-766-596A-63
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/302,808
FILING DATE: 15-SEP-1994
CLASSIFFCATION: 435
PRIOR APPLICATION DATA:
THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 02019
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13 HHQKLVFFA 21
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US-08-302-808-7
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APPLICANT: Maggio, John E.
APPLICANT: Maggio, John E.
APPLICANT: Maggio, John E.
APPLICANT: Martyl, Pattick M.
TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS: ADDRESSE: ADDRE
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US-08-346-849-4
US-08-346-849-4
US-08-346-849-4
Sequence 4, Application US/08346849
Patent No. 5670483
GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
APPLICANT: Rich, SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
                                                                                                                                          Gaps
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                                                                          100.0%; Score 50; DB 4; Length 17; 100.0%; Pred. No. 0.0036;
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                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                             Mismatches
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Patent No. 5721106
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FIELFRAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26 amino acids
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Best Local Similarity 100.
Matches 9; Conservative
                                                                                    Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
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STRANDEDNESS: no
                                                                                                                                                                                                                                                                                                                                                                                                                US-08-304-585-7
                          US-09-594-366-3
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Gaps
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Sequence 7, Application US/08302808

Patent No. 575049

GENERAL INFORMATION:
APPLICANT: SUZUKI, No. 5750349uhiro
APPLICANT: SUZUKI, No. 5750349uhiro
APPLICANT: KITADA, Chieko
TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS: 14

ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHWAN
STREET: 130 WATER STREET

CITY: BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 50; DB 1; Length 28; 100.0%; Pred. No. 0.006;
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NUMBER OF SEQUENCES:

NUMBER OF SEQUENCES:

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSEE: HAMILTON, BROCK, SMITH & REYNOLDS, P.C.

STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.

ZIP: 02173-4799
COMPUTER: BASACHSE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/346,849
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:

MAME: BROCK, David E.

RESTERNIC FOOCET NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008
TELECPHONE: (617) 861-6240
TELECPHONE: (617) 861-6240
TELECPHONE: CHARACTERISTICS:

NONTHER APPLICATION ON NUMBER: MIT-6008
TELECPHONE: CALL OF THE CALL OF TELECH OF TELECH
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Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application US/08986948
Patent No. 5955317
GENERAL INFORMATION:
APPLICANT: SUZUKI, No. 5955317uhiro
APPLICANT: ODARA, Asano
APPLICANT: ODARA, Asano
APPLICANT: DARA, AND SERVATION: ANTIBODIES TO B-AMYLOIDS OR THEIR TITLE OF INVENTION: DERIVATIVES AND USE THEREOF NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DIKE, BRONSTEIN, ROBERTS & CUSHMAN
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SOGTWARE: FASTEEN DOS

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/986,948
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/302,808
FILING DATE: 15-SEP-1994
APPLICATION NUMBER: 010132/1993
FILING DATE: 24-JAN-1993
APPLICATION NUMBER: 010132/1993
FILING DATE: 05-FEB-1993
APPLICATION NUMBER: 019035/1993
FILING DATE: 05-FEB-1993
APPLICATION NUMBER: 34-393
APPLICATION NUMBER: 34-393
APPLICATION NUMBER: 34-393
APPLICATION NUMBER: 34-773/1993
FILING DATE: 16-NOV-1993
APPLICATION NUMBER: 34-733
APPLICATION NUMBER: 34-235
ATTONNEY/AGENT INFORMATION:
NAME: DAVID, RESNICK S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 617-523-3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 02019
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: DIKE, BRONSTE
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER:
                                                        TELEFAX: 703-684-1124
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                        LENGTH: 28 amino acids
                                                                                                                                                                                                                                              TOPOLOGY: linear

MOLECULE TYPE: peptide
US-08-609-090-2
                                                                                                                                                                                                                   single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 HHQKLVFFA 9
                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: si
                             TELEPHONE:
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APPLICANT: BUTTERFIELD, D. A.
APPLICANT: CARREY, JOHN M.
APPLICANT: CARREY, JOHN M.
APPLICANT: AKSENOV, Michael
TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: LOWE PRICE LEBLANC & BECKER
STREET: 99 Canal Center Plaza, Suite 300
CITY: Alexandria
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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100.0%; Score 50; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
FILLING DATE: 29-PEB-1996
APPLICATION NUMBER: FCL. C. FILING DATE: 24-JAN-1994
APPLICATION NUMBER: 010132/1993
FILING DATE: 25-JAN-1993
APPLICATION NUMBER: 019035/1993
FILING DATE: 05-FEB-1993
APPLICATION NUMBER: 286985/1993
FILING DATE: 16-NOV-1993
APPLICATION NUMBER: 38473/1993
FILING DATE: 28-DEC-1993
APPLICATION NUMBER: 44631
FILING DATE: 18-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: DAVID, RESNICK S
REGISTRATION NUMBER: 44631
TELEPHONE: 617-523-3400
TELEFAX: 617-523-3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/08609090 Patent No. 5840838 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 36,190
REFERENCE/DOCKET NUMBER: 434
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Kraus, Eric J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13 HHQKLVFFA 21
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                                                                                                                                                                                                                                          Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Holmes, locus APPLICANT: Holmes, locus APPLICANT: Abangs, Shuguang APPLICANT: Rich, Alexander APPLICANT: Rich, Alexander APPLICANT: Lockshin, Curtis STABLE MACROSCOPIC MEMBRANES FORMED TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED TITLE OF INVENTION: THEREFOR NUMBER OF SEQUENCES: 64
CORRESPONDER ADDRESS: ADDRESS: ADDRESSE: ATTONNER: MIT-6008A

REGISTRATION NUMBER: O1/973,326
FILING DATE: 22-AUG-1992
ATTONNEY/AGENT INFORMATION: A35
PRIOR APPLICATION NUMBER: MIT-6008A

REGISTRATION NUMBER: ADDRESSE: ATTONNEY MIT-6008A

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION: TELEFRENCE: (617) 861-6240

INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
TENEMENT. A APRICATION ADDRESSED ATTONNER MIT-6108A

TELEFAXIONE CHARACTERISTICS:
TENEMENT. AND AND ADDRESSE ADDRESSE
                                                                                                                                                                                                                                                                                                            0; Indels
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Pred. No. 0.006;
                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/08293284A
Patent No. 5955343
                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0%;
Matches 9; Conservative 0;
                                                                                                                           N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : 28 amino acids
amino acid
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Best Local Similarity 100.
Matches 9; Conservative
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                          MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                    13 HHQKLVFFA 21
                                                                                                                                                                                                                                                                                                                                                                               1 HHOKLVFFA 9
linear
                                                                                ANTI-SENSE: NO FRAGMENT TYPE: N- ORIGINAL SOURCE: US-08-986-948-7
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TOPOLOGY:
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US-08-293-284A-4
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1 HHQKLVFFA 9 ||||||||| |3 HHQKLVFFA 21

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Sequence 2, Application US/0938890

Sequence 2, Application US/0938890

Patent No. 6136548

GENERAL INFORMATION:

APPLICANT: ANDERSON. STEPHEN

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: HOWERS: SIMON

STREET: 1299 PENNSYLVANIA AVENUE, N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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US-08-461-216-2

US-08-461-216-2

Sequence 2, Application US/08461216

Patent No. 595883

GENERAL INFORMATION:
APPLICANT: Snow, A.D.

TITLE OF INVENTION:
NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:
ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
STREET: 1420 Fifth Avenue, Suite 2800

CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 28;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: UOFW-1-6707
TELECOMMUNICATION INFORMATION:
TELEPHONE: 1-206-682-8100; 1-206-224-0709 (direct)
TELEFAX: 1-206-224-0779
                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 98101-2347

COMPUTER READABLE PORN:
MEDIUM TYPE: Diskette-5.25 inch, 1.2Mb storage COMPUTER: IBM PC/386 Compatible OPERATING SYSTEM: MS-DOS 4.01
SOFTWARE: Word for Windows-t CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/461,216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 peptide {SYMBOL 98 \f "Symbol"}/A4(1-28); page 83, line 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/969,734
FILING DATE: 0ctcober 23, 1992
APPLICATION NUMBER: 07/950,417
FILING DATE: September 23, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Broderick, Thomas F.
REGISTRATION NUMBER: 31, 332
REGISTRATION NUMBER: 31, 332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 4938023
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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MOLECULE TYPE: E
DESCRIPTION: E
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US-09-388-890-2
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FILING DATE:
CCLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/68,959
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: AUBERBACH, JEFFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEPAX: (202) 383-7451
TELEPAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 4:
INFORMATION FOR SEQ ID NO: 4:
LENGTH: 28 amino acids
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 4, Application US/09388890
; Patent No. 6136548
TELECOMMUNICATION INFORMATION
                                        TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 3:
                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13 HHOKLVFFA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 HHOKLVFFA 9
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                                                                                                                                                                                                                                                                                                                                          US-09-388-890-3
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US-09-388-890-4
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APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCES: ADDRESSE: HOWERS & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
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100.0%; Score 50; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0; Indels
                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: HOWO SAPIENS
IMMEDIATE SOURCE:
CLONE: B(1-28) peptide of amyloid B protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBB PC compatible
OPPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                           FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,959
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,959
                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFFREY I.
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (202) 383-7451
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/09388890 Patent No. 6136548
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NTTORNEY/AGENT INFORMATION:
NAME: AUBERACH, JEFFREY I.
REGISTRATION NUMBER: 32,680
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13 HHOKLVFFA 21
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GENERAL INFORMATION:

APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCES: ADDRESSE: ADDRESSE: HOWREY & SIMON
                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 50; DB 3; Length 28; Best Local Similarity 100.0%; Pred. No. 0.006; Matches 9; Conservative 0; Mismatches 0; Indels
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: HOMO SAPIENS
INMEDIATE SOURCE:
CLONE: DIN B(1-28) peptide of amyloid B protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGWENT TYPE: N-terminal
ORGANISM: SOURCE:
ORGANISM: HOWO SAPIENS
IMMEDIATE SOURCE:
CLONE: E3Q B(1-28) peptide of amyloid B protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
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Sequence 7, Application US/09388890

Patent No. 6136548
GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
THE PREVENTION AND TREATMENT HEMORRHAGING AND ALZHEIMER'S DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 50; DB 3; Length 28; 100.0%; Pred. No. 0.006;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                       COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
APPLICATION NUMBER: US/09/388,890
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,959
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORLANDINSM: HOMO SAFLENCE ORGANISM: HOMO SAFLENCE CLONE: H6Q B(1-28) peptide of amyloid B protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
      TITLE OF INVENTION: METHODS FOR THE PREV
TITLE OF INVENTION: OF VASCULAR HEMORRHA
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0;
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NAME: AUERBACH, JEFFREY I.
REGISTRATION UNMER: 32,680
TELECOMMUNICATION:
TELECOMMUNICATION: (202) 383-7451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                : 28 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity luv.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13 HHOKLVEFA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 HHOKLVFFA 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: UK
                                                                                                                                                                                        20004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLONE: F
US-09-388-890-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
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                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:

APPLICANT: ANDERSON, STEPHEN

TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT

TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE

TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE

NUMBER OF SEQUENCES: 14

CORRESPONDENCES: ADDRESSEE: HOWERY & SIMON

STREET: 1299 PENNSYLVANIA AVENUE, N.W.

CITY: WASHINGTON

STATE: US

COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                         Gaps
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                              Score 50; DB 3; Length 28;
Pred. No. 0.006;
                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IMMEDIATE SOURCE:
CLONE: R5Q B(1-28) peptide of amyloid B protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DAIE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,959
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: AUBREACH, JEFFREY I.
REGISTRAATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEFRAX: (202) 383-7451
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
"""" amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 20004
COMPUTER REARABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/09389890
Patent No. 6136548
GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
                                                                                                                                                                                                                                                Sequence 5, Application US/09388890
Patent No. 6136548
                                100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: HOMO SAPIENS
          Query Match
Best Local Similarity luv.
9, Conservative
                                                                                                                                       13 HHOKLVFFA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13 HHOKLVFFA 21
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                                                                                                               1 HHOKLVFFA 9
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)GY: linear
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Best Local Similarity
Matches 9; Conserv
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Gaps

Gape

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Sequence 12, Application US/09388890

Patent No. 6136548

GENERAL INFORMATION:
ADDERSON, STEPHEN

TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT

TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
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100.0%; Score 50; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF INVENTION: OF VASCOLAR HEMOKRHAGING AND ALZ NUMBER OF SEQUENCES: 14 CORRESPONDENCE ADDRESS: ADDRESSES: ADDRESSES: ADDRESSES: 1299 PENNSYLVANIA AVENUE, N.W. CITY: WASHINGTON CITY: WASHINGTON STATE: D.C. COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible COMPUTER: IBM PC compatible COMPUTER: IBM PC compatible COMPUTER: BASELS FORM: PC-DOS/MS-DOS SOFTWARE: PatentIN Release #1.0, Version #1.25 CURRENT APPLICATION NUMBER: US/09/388,890,
                             MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORGINAL SOURCE:
ORGANISM: HOWO SAPIENS
IMMEDIATE SOURCE:
CLONE: E11Q B(1-28) peptide of amyloid B protein
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IMMEDIATE SOURCE:
CLONE: E22Q B(1-28) peptide of amyloid B protein
                                                                                                                                                                                                                                                                                                                          100.0%; Score 50; DB 3; 100.0%; Pred. No. 0.006;
                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,959
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FILING DATE:
ATTONEY/AGENT INFORMATION:
NAME: AUGRBACH, JEFFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-610
; INFORMATION FOR EGG ID NO: 12:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                          Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13 HHOKLVFFA 21
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         linear
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APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: DETERM: PC-DOS/MS-DOS
SOFTWARE: PATEMIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
FILING DATE:
CHARGE TO THE COMPATE:
CHARGE TO THE CHARGE TO THE COMPATE:
CHARGE TO THE CHARGE TO TH
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STREET: 1299 PENNSYLVANIA AVENUE, N.W.
US/09/388,890
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,959
                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,959
                                                                                                                                                                                                          NAME: AUGRBACH, UBEFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-6610
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
TOPPLOGY: linear
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NAME: AUERBACH, JEFFREY I.
REGISTRATION UNDHER: 32,680
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEPHONE: (202) 383-610
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 8, Application US/09388890
Patent No. 6136548
                                                                                                                                                        FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFFREY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide HYPOTHETICAL: YES FRAGMENT TYPE: N-terminal ORIGINAL SOURCE:
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APPLICATION NUMBER:
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STATE: D.C.
COUNTRY: US
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Best Local Similarity
Matches 9; Conserv
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US-09-388-890-8
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SEQ ID NO 1
LENGTH: 28
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                                                                                                                              GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STRET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
CONNTRY: US
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Patent No. 6136548
GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IMMEDIATE SOURCE:
CLONE: D23Q B(1-28) peptide of amyloid B protein
                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
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CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: MASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,959
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: AUBREBACH, JEFFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEFRAME: (202) 383-7451
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
"""" amino acids
                                                                                                  Sequence 13, Application US/09388890
Patent No. 6136548
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOUNCE:
ORGANISM: HOMO SAPIENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            9; Conservative
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Best Local Similarity
Matches 9; Conserv
  13 HHQKLVFFA
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                                                              RESULT 30
US-09-388-890-13
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Sequence 1, Application US/09264709A
Sequence 1, Application US/09264709A
Bettent No. 6320024
GENERAL INFORMATION:
APPLICANT: ROBERTS, Bugene
TITLE OF INVENTION: Improve the Quality of Life
FILE REFERENCE: 2124-310
CURRENT APPLICATION NUMBER: US/09/264,709A
CURRENT FILING DATE: 1999-03-09
PRIOR PILING DATE: 1997-02-07
NUMBER OF SEQ ID NOS: 39
COMMANDER: NOS: 39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IMMEDIATE SOURCE:
CLONE: K28Q B(1-28) peptide of amyloid B protein
                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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                                                                                                                                       CLASSIFICATION:
CLASSIFICATION
CLASSIFICATION
PRIOR APPLICATION DATA:
PRIOR DATE:
ATTONBY/AGENT INFORMATION:
NAME: AUBEBACH, JEFERY I.
REGISTRATION NUMBER: 32,680
TELECOMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEPHONE: (202) 383-610
; INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
'PMCTH: 28 amino acids
                                                           PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                           IBM PC compatible
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HOMO SAPIENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
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US-09-264-709A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13 HHQKLVFFA 21
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                                         COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                     amino acid
GY: linear
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Best Local Similarity
Matches 9; Conserv
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US-09-660-954-2
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Patent No. 6471960
GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage COMPUTER: IBM PC
OPPUTER: IBM PC
OPPUTER: IBM PC
OPERATING SYSTEM: PC-DOS (Windows 98)
SOFTWARE: WordPerfect 5.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/723,661B
FILING DATE: 31-Oct-1996
PRIOR APPLICATION NUMBER: 08/461,216
FILING DATE: 05-Unn-1995
APPLICATION NUMBER: 07/969,734
FILING DATE: 05-Unn-1995
APPLICATION NUMBER: 07/969,734
FILING DATE: 23-Oct-1992
APPLICATION NUMBER: 07/950,417
FILING DATE: 23-Sep-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                         APPLICANT: Alan D Snow
APPLICANT: Alan D Snow
TITLE OF INVENTION: Animal Models of Human Amyloidoses
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Patrick M. Dwyer
STREET: 1818 Westlake Avenue N, Suite 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 50; DB 3; Length 28; 100.0%; Pred. No. 0.006; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE DESCRIPTION: /A4 (1-28); page 83, line 31 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Dwyer, Patrick M.
REGISTRATION NUMBER: 32,411
REFERENCE/DOCKET NUMBER: PROTEO.POOCI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 343-7074
TELEFAX: (206) 343-7085
                                                                                                                                                                                                                                       STATE: WA (Washington)
COUNTRY: United States of America
ZIP: 98109
           Sequence 2, Application US/08723661B
Patent No. 6340783
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 28 AMINO ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: AMINO ACID
STRANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9; Conservative
                                                                                                                                                                                                                           CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HHOKLVFFA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 HHQKLVFFA 9
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Best Local Similarity
Matches 9; Conserva
US-08-723-661B-2
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Sequence 3, Application US/09660954
Patent No. 6471960
GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gape
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COMPUTER KEALABLE FORTH

COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION DATA: US/09/60,954
FILING DATE: 13-Sep-2000
CLASSIFICATION: «Unknown»
PRIOR APPLICATION NUMBER: US/09/388,890
FILING DATE: «Unknown»
APPLICATION NUMBER: 08/686,959
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: AUBERBACH, JEFFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMONICATION NUMBER: 32,680
TELECHOUS: (202) 383-7451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 50; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0; Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRINT APPLICATION DATA:
APPLICATION NUMBER: US/09/660,954
FILING DATE: 13-Sep-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLONE: B(1-28) peptide of amyloid B protein SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 antino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: HOMO SAPIENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 20004
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      13 HHOKLVFFA 21
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Gaps

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APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/660,954
FILING DATE: 13-68p-2000
CLASSIFCATION: cUnknown>
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
FILING DATE: cUnknown>
APPLICATION NUMBER: 08/686,959
                                                                                                                                                                                                                                                     Query Match
100.0%; Score 50; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0; Indels
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100.0%; Score 50; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0; Indels
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGITAL SOURCE:
ORGANISM: HOMO SAPIENS
IMMEDIATE SOURCE:
CLONE: E3Q 8(1-28) peptide of amyloid B protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: HOMO SAPIENS
IMMEDIATE SOURCE:
CLONE: R5Q B(1-28) peptide of amyloid B protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: AUERBACH, JEFFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUICATION: INFORMATION:
TELEPHONE: (202) 383-7451
TELEPHONE: (202) 383-6610
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-660-954-5; Sequence 5. Application US/09660954; Patent No. 6471960; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: <Unknown> ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
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CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STRRET: 1.299 PERNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: 0.C.
COUNTRY: US
ZIATE: D.C.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BEATH Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/660,954
FILING DATE: 13-Sep-2000
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
FILING DATE: CURROWN-
APPLICATION NUMBER: US/09/388,890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
100.0%; Score 50; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLONE: DIN B(1-28) peptide of amyloid B protein; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
  APPLICATION NUMBER: 08/686,959
               FILING DATE: «UDKDOWN)
ATTORNEY/AGENT INFORMATION:
NAME: AUBREACH, JEFFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEPHONE: (202) 383-7451
SEQUENCE CHARACTERISTICS:
LENGTH: 28 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: AUGRBACH, JEFFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/09660954
Patent No. 6471960
GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: OF VASCULAR:
                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: HOMO SAPIENS IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                             TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 4:
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THE PREVENTION AND TREATMENT HEMORRHAGING AND ALZHEIMER'S DISEASE
OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
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MEDIUM TYPES: FLODRY disk

COMPUTER: IS POOR disk

MEDIUM TYPES: FLODRY disk

COMPUTER: IS PEC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/660,954

FILING DATE: 13-Sep-2000

CLASSIFICATION SYSTEM: US/09/388,890

FILING DATE: CUNKNOWN>

APPLICATION NUMBER: US/09/388,890

FILING DATE: CUNKNOWN>

APPLICATION NUMBER: US/09/388,890

FILING DATE: CUNKNOWN>

APPLICATION NUMBER: US/08/388,890

FILING DATE: CUNKNOWN>

APPLICATION NUMBER: US/08/388,890

FILING DATE: CUNKNOWN>

APPLICATION NUMBER: US/08/388,890

FILING DATE: CUNKNOWN>

APPLICATION NUMBER: US/08/388,890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLONE: D7Q B(1-28) peptide of amyloid B protein SEQUENCE DESCRIPTION: SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSES: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISH PC COMPACIBLE
COMPUTER: ISH PC COMPACIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                     NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 50; DB 4; 100.0%; Pred. No. 0.006;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
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US-09-660-954-8
; Sequence 8, Application US/09660954
; Patent No. 6471960
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAC: (202) 383-6610
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: HOMO SAPIENS
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                            CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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Best Local Similarity
19, Conserva
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                                                                                                                                                                          Sequence 6, Application US/09660954
Patent No. 6471950
GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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Patent No. 6471960
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: HOMO SAPIENS
INMEDIATE SOURCE:
CLONE: H6Q B(1-28) peptide of amyloid B protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARRE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/660,954
FILING DATE: 13-Sep-2000
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
FILING DATE: «Unknown»
APPLICATION NUMBER: 08/686,959
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELECHONE: (202) 383-7451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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N FOR ST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 100.
Matches 9; Conservative
                                                               13 HHOKLVFFA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13 HHQKLVFFA 21
                          HHOKLVFFA 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 HHOKLVFFA 9
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US-09-660-954-7
                                                                                                                                                            US-09-660-954-6
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TELEPHONE: (202) 383-745
                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: HOMO SAPIENS
              TELEPHONE: (202) 383-745
TELEPAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 antino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: HOMO SAPIENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N.terminal
ORIGINAL SOURCE:
                                                                                                                                     TYPE: amino acid
                                                                                                                                                                                                                                                                                                  IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13 HHÓKLVFFA 21
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100.0%; Score 50; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLONE: E11Q B(1-28) peptide of amyloid B protein SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/660,954
PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
            CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/660,954
FILING DATE: 13-69-2000
CLASSIFICATION: UNKNOWN>
PRIOR APPLICATION NUMBER: US/09/388,890
FILING DATE: «Unknown>
APPLICATION NUMBER: US/09/388,890
FILING DATE: «Unknown>
APPLICATION NUMBER: 08/686,959
FILING DATE: «Unknown>
ATTORNEY AGENT INFORMATION:
NAME: AUGREACH, USFEREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEPRONE: (202) 383-7451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/388,890
FILING DATE: «Unknown»
APPLICATION NUMBER: 08/686,959
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: AUGREACH, USFFREY I.
REGISTRATION NUMBER: 32,680
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 12, Application US/09660954
Patent No. 6471960
GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 13-Sep-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 8:

EBOGHER CHARACTERISTICS:

EBOGHER 28 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: YES

FRAGMENT TYPE: N-terminal

ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: HOMO SAPIENS IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13 HHQKLVFFA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: D.C. COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-660-954-12
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Patent No. 6471960;
GENERAL INFORMATION:
APPLICANT: ANDERSON, STEPHEN
TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE;
                                                                                                                                                                  60
CLONE: E22Q B(1-28) peptide of amyloid B protein SEQUENCE DESCRIPTION: SEQ LD NO: 12:
                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Ploppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

FILICATION NUMBER: US/09/660,954

FILING DATE: 13-Sep-2000

CLASSIFICATION: CURNOWN>
                                                                                                           Query Match 100.0%; Score 50; DB 4; Best Local Similarity 100.0%; Pred. No. 0.006; Matches 9; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWNEY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/38B,890
FILING DATE: «Unknown»
APPLICATION NUMBER: 08/686,959
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
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; Sequence 4, Application US/08898300
; Patent No. 6548630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Brook, David E. REGISTRATION NUMBER: 22,592
                                                                                                                                                                                                                                                                                                                                                                                                       STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            9; Conservative
                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON,
                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13 HHOKLVFFA 21
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Best Local Similarity
Matches 9; Conserv
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US-08-824-513-4
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Patent No. 6471960

GENERAL INFORMAT: ALOUS:
APPLICANT: ANDERSON, STEPHEN

TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT

OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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COMPUTER: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/660,954

FILING DATE: 13-Sep-2000

CLASSIFICATION: -UNKnown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/388,890

FILING DATE: -UNKnown>

APPLICATION NUMBER: US/09/388,890

FILING DATE: -UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
100.0%; Score 50; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.006;
Matches 9; Conservative 0; Mismatches 0; Indels
; IMMEDIATE SOURCE:
; CLONE: D23Q B(1-28) peptide of amyloid B protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-660-954-13
                                                                                                                                                        100.0%; Score 50; DB 4; Length 28; 100.0%; Pred. No. 0.006;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLONE: K28Q B(1-28) peptide of amyloid B protein SEQUENCE DESCRIPTION: SEQ ID NO: 14:
                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: AUERBACH, JEFFREY I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-610
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: <URNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: HOMO SAPIENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: YES
FRAGMENT TYPE: N.terminal
ORIGINAL SOURCE:
                                                                                                                                                      Query Match
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                        13 HHOKLVFFA 21
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Gaps
GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
APPLICANT: Rich, Steander
APPLICANT: Rich, STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: STABLE ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
TITLE OF INVENTION: THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURTIS
STRBLE MACROSCOPIC MEMBRANES FORMED BY
SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .
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ZIP: 02173-4799

COMPUTER READABLE FORM:
MEDIUW TYPE: FORM:
MEDIUW TYPE: FORM:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PARTIEN PC-DOS/MS-DOS
SOFTWARE: PARTIEN PC-BOS/MS-DOS
SOFTWARE: PARTIENT SOFTWARE: US/08/898,300
FILING DATE: 22 JULY 1997
FILING DATE: 22 JULY 1997
FILING DATE: 20 NOVENBER 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,849
FILING DATE: 28 DECEMBER 1994
PRIOR APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INPORMATION:
NAME: BTOOK, DAVIG E.
                                                                                                                                                                                                                                                                         HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 50; DB 4; 100.0%; Pred. No. 0.006;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: MIT-6008FB TELECOMMUNICATION INFORMATION: TELEPHONE: (781) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 4. Application US/08824513; Patent No. 6800481; GENERAL INFORMATION: GENERAL INFORMATION: APPLICANT: Zhang, Shuguang APPLICANT: Zhang, Shuguang APPLICANT: Lockshin, Curtish APPLICANT: Lockshin, Curtish APPLICANT: Lockshin, STELFASSEMBLY TITLE OF INVENTION: STELFASSEMBLY TITLE OF INVENTION: THEREFOR
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0; Mismatches
                                  ATTORNEY AGENT INFORMATION:
NAME: Kraus, Eric J.
REGIGGRATION NUMBER: 36,190
REFERENCE/DOCKET NUMBER: 434-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-684-1111
INFORMATION FOR SEQ ID NO: 35.
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0%;
Marches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic US-09-861-847A-1
29-FEB-1996
                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: peptide US-08-609-090-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13 HHOKLVFFA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Artificial
                    CLASSIFICATION:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-861-847A-1
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US-08-609-090-4
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APPLICANT: BUTTERFIELD, D. A.
APPLICANT: CARNEY, JOHN M.
APPLICANT: CARNEY, JOHN M.
APPLICANT: AKSENOY, MICHAEL
TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: LOWE PRICE LEBLANC & BECKER
STREET: 99 Canal Center Plaza, Suite 300
CITY: Alexandria
STATE: Virginia
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 50; DB 4; Length 28;
Pred. No. 0.006;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
  NUMBER OF SEQUENCES: 04
CORRESPONDENCE ADDRESS: 04
CORRESPONDENCE ADDRESS: ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington
STRATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/824,513
FILING DATE: March 26, 1997
CLASSIFFCATION NUMBER: 08/293,284
FILING DATE: AUGUST 22, 1998
PRIOR APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 27,592
REFENENCE/DOCKET NUMBER: MIT-6008A2
TELECOMMUNICATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: MIT-6008A2
TELECOMMUNICATION NUMBER: MIT-6008A2
TELECOMMUNICATION NUMBER: MIT-6108A2
TELECOMMUNICATION NUMBER: MIT-6240
TELEFRAX: (781) 861-6540
INFORMATION FOR SED ID NO: 4: SEQUENCE CHARACTERISTICS:
LEMTH: 28 anino acids
TELEPHONE: Alman
                                         BROOK, SMITH & REYNOLDS, P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 22314

ZIP: 22314

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/609,090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 3, Application US/08609090 Patent No. 5840838 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match

Best Local Similarity 100.0%;

Matches 9; Conservative 0
NUMBER OF SEQUENCES: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , MOLECULE TYPE: peptide US-08-824-513-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13 HHQKLVFFA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 HHQKLVFFA 9
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US-08-609-090-3
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Patent No. 5840838
GENERAL INFORMATION:
APPLICANT: HENSLEY, Kenneth
APPLICANT: CARNEY, Wichael
APPLICANT: ARSENOW, Michael
TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 50; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.0064;
Matches 9; Conservative 0; Mismatches 0; Indels
100.0%; Score 50; DB 2; Length 30; 100.0%; Pred. No. 0.0064;
                           0; Indels
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Gaps
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                                                                                                                                                                                                                                                  Length 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 36, Application US/08612785B
Patent No. 5854204
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Appregation
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BW PC compatible
COMPTIER: IMP PC compatible
COMPTIER: IMP PC compatible
COMPATIER: IMP PC compatible
COMPATIER: IMP PC compatible
COMPATIER: IMP PC compatible
CLEASITION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
CLEASIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR.1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN.1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATCONEY/AGENT INPORMATION:
NAME: DECORTI, Giulio A.
REGISTRATION NUMBER: 31,503
REFERRICE/POCKET NUMBER: 31,503
REFERRICE/POCKET NUMBER: 31,503
                                                                                                                                                                                                                                                Query Match 100.0%; Score 50; DB 1; L. Best Local Similarity 100.0%; Pred. No. 0.0075; Matches 9; Conservative 0; Mismatches 0;
                                                                                                                    ; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
US-08-304-585-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 36:
  612-305-1217
                   TELEFAX: 612-305-1228
INPORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 35 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                     13 HHOKLVEFA 21
                                                                                                                                                                                                                                                                                                                                          1 HHOKLVFFA 9
                                                                                                             TYPE: amino acid
STRANDEDNESS: no
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Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Boston
TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-612-785B-36
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APPLICANT: Maggio, John E.

APPLICANT: Madgylo, John E.

APPLICANT: Mantyh, Patrick W.

TITLE OF INVENTION: LABELLED BETA-AMYLOID PEPTIDE AND

TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: P.O. Box 581415
CITY: Minneapolis
STATE: MN
COUNTRY: USA
                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,090
FILING DATE: 29-FBB-1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Kraus Eric J.
REGISTRATION NUMBER: 36,190
REFERENCE/DOCKET NUMBER: 36,190
REFERENCE/DOCKET NUMBER: 434-059
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-684-1111
TELEPHONE: 703-684-1124
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 amino acids
"VOR: amino acids
"VOR: amino acids
"VOR: LENGTH: 13
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ZIP: 55458-1415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BM PC compatible
COMPUTER: APENTICATION DATA:
SUSTWARE: PAtentIN Release #1.0, Version #1.30
APPLICATION NUMBER: US/08/304,585
FILING DATE: 12-SEP-1994
                              ADDRESSEE: LOWE PRICE LEBLANC & BECKER STREET: 99 Canal Center Plaza, Suite 300 CITY: Alexandria STATE: Virginia COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Mueting, Ann M. REGISTRATION VINDRER: 33,977
REFERENCE/DOCKET NUMBER: 110.00010120
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6, Application US/08304585
Patent No. 5721106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.
Best Local Similarity 100.
Matches 9, Conservative
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , MOLECULE TYPE: peptide US-08-609-090-4
                       CORRESPONDENCE ADDRESS:
ADDRESSEE: LOWE PRIC
                                                                                                                                                        ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13 HHQKLVFFA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-304-585-6
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Wed Mar 9 08:15:45 2005

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. B & Search completed: March 9, 2005, 06:43:05 Job time: 25.0411 secs

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March 9, 2005, 06:11:36 ; Search time 10.6849 Seconds (without alignments) 27.946 Million cell updates/sec
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                         513545 segs, 74649064 residues
                                                                           OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                  BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                      US-10-009-122-23
26
1 HHQK 4
                                                                                                                                                                                                                                                                    Scoring table:
                                                                                                                                                                                                            Perfect score:
                                                                                                                                                                                                                             Sequence:
                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                              Run on:
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Post-processing: Minimum Match 0% Maximum Match 100% Listing first 65 summaries Issued Patents AA:* Minimum DB seq length: 0 Maximum DB seq length: 200000000

513545

Total number of hits satisfying chosen parameters:

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/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

STIMMARTES

		æ			SUMMARIES	
Result No.	Score	Query	Length	DB	ID	' Description
1	26	100.0	4	<u>س</u>	US-08-717-551A-1	Sequence 1, Appli
7	26	100.0	4	r	US-09-095-106A-28	28,
3	26	100.0	4	4	US-08-922-930-1	,
4	26	100.0	4	4	US-08-923-055-1	٦,
ស	26	100.0	4	4	US-08-922-889-1	-
9	26	100.0	4	4	US-09-747-408-23	23,
7	26	100.0	S	m	US-09-095-106A-21	21,
8	. 56	100.0	2	ო	US-09-095-106A-22	22,
6	26	100.0	9	~	US-08-461-216-3	3,
10	26	100.0	9	ო	US-09-095-106A-16	Sequence 16, Appl
11	26	100.0	9	ო	US-09-095-106A-17	17,
12	26	100.0	9	ო	US-09-095-106A-18	18,
13	26	100.0	9	ო	US-08-723-661B-3	3, 4
14	26	100.0	7	-	US-08-397-633A-105	Sequence 105, App
15	26	100.0	7	m	US-09-095-106A-12	12, 4
16	26	100.0	7	ო	US-09-095-106A-13	13,
17	26	100.0	7	ო	US-09-095-106A-14	14,
18	26	100.0	æ	m	US-09-095-106A-8	æ
19	26	100.0	œ	ო	US-09-095-106A-9	6
20	26	100.0	œ	ო	US-09-095-106A-10	Sequence 10, Appl
21	26	100.0	6	m		4,
22	26	100.0	0	m	US-09-095-106A-6	9
23	56	100.0	0	ო	US-09-095-106A-7	7, 1
24	26	100.0	0	4	US-09-747-408-20	20,
25	56	100.0	10	ო	US-09-095-106A-2	2,1
56	26	100.0	10	4	US-09-724-961-15	15,
27	26	100.0	10	4	US-09-724-961-16	16,

Sequence 17, Appl		20	21	15	16	17	18	19	20	H.	15	16	11	18	13	20	21	68	4	_	4,	25	9	61	62	63	65	2	20	10	20	'n	ď	'n	m	9 18
4 US-09-724-961-17	4 US-03-124-961-1	4 US-09-724-961-	4 US-09-724-961-2	4 US-09-580-018-1	4 US-09-580-018-1	4 US-09-580-01	4 US-09-580-018-1	4 US-09-580-018-	4 US-09-580-018-2	4 US-09-580-018-	4 US-09-724-551-1	4 US-09-724-551-1	4 US-09-724-551-1	4 US-09-724-551-1	4 US-09-724-551-	4 US-09-724-551	4 US-09-724-551-	4 US-08-766-596	2 US-08-612-785B-	2 US-08-612-7	3 US-08-617-267C-	4 US-08-766-596A-	4 US-08-766-5	4 US-08-766-5	4 US-08-766-596A-6	4 US-08-766-596A-	4 US-08-766-596A-6	1 US-08-302-808-10	2 US-08-659-984A	2 US-08-986-948-1	3 US-08-660-531-2	3 US-09-102-451-	3 US-09-264-709A	4 US-09-5	4 US-09-594-366-3	2 US-08-6
0.0	1 0 001	9 100	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 1	6 100.0 2
28	64	310	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	20	51	52	53	54	22	26	57	58	59	09	61	62	63	64	65

ALIGNMENTS

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Sequence A Application US/08717551A

Patent No. 6071493

GENERAL INFORMATION:
APPLICANT: Dana_GTulian

TITLE OF_INVENTION: Identification of Agents that Protect
TITLE OF_INVENTION: Against Inflammatory Injury to Neurons
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
CORRESPONDENCE ADDRESS:
ADDRESSEE: DOR LIberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDLUM 115...
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT for WINDOWS 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/717,551A
FILING DATE: Sept-20-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: Sept-20-96
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                     US-08-717-552
RESULT 1
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TELEPHONE
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APPLICANT: NORDSTEDT, Christer
APPLICANT: NASLUND, Jan
APPLICANT: TJERNBERG, LARS O.
APPLICANT: TJERNBERG, LARS
APPLICANT: TERENIUS, LARS
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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Patent No. 6451544

GENERAL INFORMATION:

APPLICANT:—Dana Giulian

TITLE OF INVENTION: Identification of Agents that Protect

TITLE OF INVENTION: Against Inflammatory Injury to Neurons

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSEE: & No. 6451544ris LLP

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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                                                                                                                                                                                                                                                                                       . 4.1e+05;
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                                                                                                                                                                                                                                                               100.0%; Score 26; DB 3;
100.0%; Pred. No. 4.1e+05
tive 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 000500-124
CURRENT APPLICATION NUMBER: US/09/095,106A
CURRENT FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: US 60/009,386
PRIOR FILING DATE: 1995-12-29
PRIOR APPLICATION NUMBER: PCT/SE96/01621
                                         BYLR-0031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 28, Application US/09095106A Patent No. 6331440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
NAME: Lori Y. Beardell
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: BYI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin Ver. 2.0
SEQ IP NO 28
                                                                                           TELEFAX: (215) 568-3439
INFORMATION FOR SKO ID NO: SEQUENCE HARACHERISTICS
LENGTH: 4 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                       4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                       TOPOLOGY: Tinear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        typk: PRT CORGANISM: Amyloidosis US-09-095-106A-28
                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 4; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local-Similarity
Matches / 4; Congerv
                                                                                                                                                                                                                                                                                                                                            1 HHQK 4
                                                                                                                                                                                                                                                                                                                                                                                 1 HHQK 4
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Gaps
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Dana Giulian

TITLE OF INVENTION: Identification of Agents that Protect

TITLE OF INVENTION: Against Inflammatory Injury to Neurons

NUMBER OF SEQUENCES:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz

ADDRESSEE: A No. 6475742ris LLP

STREET: Done Liberty Place - 46th Floor

CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 26; DB 4; Length 4; 100.0%; Pred. No. 4.1e+05;
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ZIP: 19103

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: NORDPERSET for WINDOWS 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/923,055
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PS/2
                                                                CORRATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT for WINDOWS 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/922,930
FILING DATE: Sept-03-97
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
ATTORNEY, AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Lori Y. Beardell
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: BYLR-0038
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/08923055; Patent No. 6475742
                                                                                                                                                                                                                                                                                                                        NAME: Lori Y. Beardell
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: BY
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFRX: (215) 568-3439.
INFORMATION FOR SEQ ID NO: / .
SEQUENCE/CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4)amino acids
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      \amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 4; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-922-930-1
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US-08-923-055-1
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence1, Application US/08922889
Sequence1, Application US/08922889
Fatent Mo. 6475745
GENERAL/INFORMATION:
FATILE OF INFORMATION:
ITILE OF INFORMATION:
ITILE OF INFORMATION:
APPLICANT:
OCRRESPONDENCE ADDRESS:
ADDRESSEE:
MOGGOCK Washburn Kurtz Mackiewicz
ADDRESSEE:
MORDERSEE:
MORDERSEE
MORDERSEE:
MORDERSEE

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 4;
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 4 mino acids
                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                         TYPE: ahino acid
TOPOLOGY: Tinear
MOLECULE TYPE: peptide
US-08-923-055-1
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Best Local Similarity
14; Conservat
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RESULT 6 US-09-747-408-23

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Sequence 21, Application US/09095106A

Patent No. 6331440

GENERAL INFORMATION:

APPLICANT: NORISTEDT, Christer

APPLICANT: THYBERG, John

APPLICANT: THYBERG, John

APPLICANT: THYBERG, Lars O.

APPLICANT: THYBERG, Lars O.

APPLICANT: THYBERG, Lars O.

APPLICANT: THYBERG, John

APPLICANT: THYBERG, John

APPLICANT: THYBERG, Lars O.

APPLICANT: THYBERG, Lars O.

PRICANT: THYBERG, 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gape
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                                                                                                                            APPLICANT: Gervais, Francine
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REPERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT APPLICATION NUMBER: 60/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE,FEGESEQ for Windows Version 4.0
SEQ ID NØ 23
LENGTH; 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 26; DB 4; Length 4; 100.0%; Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 26; DB 3; Length 5; 100.0%; Pred. No. 4.1e+05; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
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Sequence/23, Application US/09747408
Patent Wo. 6670399
GENERAL(INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.
Best Local Similarity 100.
Matches 4; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-21
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Best Local Similarity
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Query Match
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APPLICANT: TERENIUS, LAZS
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
FILE REFERENCE: 000500-124
CURRENT APPLICATION NUMBER: US/09/095,106A
CURRENT FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: US 60/009,386
PRIOR FILING DATE: 1995-12-29
PRIOR PILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PATCHIN Ver. 2.0
SEQ ID NO 22
LENGTH: 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INCORMATION:
APPLICANT: Snow, A.D.
TITLE OF INTENTION:
APPLICANT: Snow, A.D.
TITLE OF INTENTION:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
STREET: 1420 Fifth Avenue, Suite 2800
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98101-2347
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette-5.25 inch, 1.2Mb storage
COMPUTER: ISM PC/386 Compatible
OORPOTTER: MOS FO/386 Compatible
COMPUTER: Washington
COMPUTER: ISM PC/386 Compatible
OORPOTTER: World for Windows-t
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/461,216
                                                                                                                                                                                                                                                                                                                                                                                        Length 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/969,734
FILING DATE: OCtober 23, 1992
APPLICATION NUMBER: 07/950,417
FILING DATE: September 23, 1992
ATTORNEY/ACBIT INFORMATION:
NAME: Broderick, Thomas F.
REGISTRATION NUMBER: 31,332
REFERENCE/DOCKET NUMBER: UOFW-1-6707
TELECHANINICATION INFORMATION:
TELECHANINICATION 11206-224-0779
TELEFAX: 1-206-224-0779
                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 26; DB 3; I
100.0%; Pred. No. 4.1e+05;
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Patent No. 5958883
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Best Local Similarity 100.
Matches 4; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6 amino acids
                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Amyloidogis
US-09-095-106A-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid STRANDEDNESS: sir
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| Sequence 16, Application US/09095106A
| Patent No. 6331440
| Patent No. 6331440
| GENERAL INFORMATION:
| APPLICANT: NASIUND: Jan
| APPLICANT: THYBERG, Johan
| APPLICANT: THYBERG, Johan
| APPLICANT: TERENIUS, Lars O. APPLICANT: THYBERG, Johan
| APPLICANT: TERENIUS, Lars O. APPLICANTON: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
| FILE REFERENCE: 10500-124
| CURRENT APPLICATION NUMBER: US 60/009,386
| PRIOR FILING DATE: 1998-06-10
| PRIOR FILING DATE: 1998-12-29
| PRIOR FILING DATE: 1996-12-09
| NUMBER OF SEQ ID NOS: 44
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 17, Application US/09095106A
| Sequence 17, Application US/09095106A
| Patent No. 6331440
| GENERAL INFORMATION:
| APPLICANT: NORDSTEDT, Christer
| APPLICANT: NASLUND, Jan
| APPLICANT: THYBERG, Johan
| APPLICANT: TERRIUS, Lars 0.
| APPLICANT: NORDSTED BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA FILE REFERENCE: 000500-124
| TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA FILE REFERENCE: 1998-16-10
| PRIOR FILING DATE: 1998-6-12-29
| PRIOR FILING DATE: 1998-12-29
| PRIOR FILING DATE: 1996-12-09
| NUMBER OF SEQ ID NOS: 44
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 17
                                                Gaps
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Pred. No. 4.1e+05;
Length 6;
                        4.1e+05;
  100.0%; Score 26; DB 2; 100.0%; Pred. No. 4.1e+05
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Best Local Similarity 100.
Matches 4; Conservative
                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
CRGANISM: Amyloidosis
US-09-095-106A-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-17
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Best Local Similarity
                   Best Local Similarity
Matches 4; Conserv
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US-09-095-106A-16
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TYPE: AMINO ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: PEPTIDE
DESCRIPTION: /A4 (12-17); page 60, lines 4-5; page 83, SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                       PROTEO. POOC1
                                  REGISTRATION NUMBER: 32,411
REFERENCE/DOCKST NUMBER: PRC
TELECOMPUNICATION INFORMATION:
TELEPHONE: (206) 343-7074
TELEFAX: (206) 343-7085
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 AMINO ACIDS
NAME: Dwyer, Patrick M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 105, Application US/08397633A ; Patent No. 5773577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: ROWLAND, BETLEM I
REGISTRATION NUMBER: 20,015
REPRENCE/POCKET NUMBER: A-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20,015
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (415) ...
(415) 398-3249
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Best Local Similarity 100.
Matches 4; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                            4; Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
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Best Local Similarity
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US-08-397-633A-105
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US-08-397-633A-105
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                  Gaps
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APPLICANT: TERBRIUS, LATS
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
FILE REFERENCE: 000500-124
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MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage COMPUTER: IBM PC COMPUTER: IBM PC OPERATING SYSTEM: PC-DOS (Windows 98) SOFTWARE: WordPerfect 5.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Alan D Snow TITLE OF Human Amyloidoses NUMBER OF SEQUENCES: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 6;
                  Indele
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ADDRESSEE: Patrick M. Dwyer
STREET: 1818 Westlake Avenue N, Suite 114
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APPLICATION NUMBER: US/08/723,661B
FILING DATE: 31-Oct-1996
PRIOR APPLICATION DATA:
                Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Seattle
STATE: WA (Washington)
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/095,106A CURRENT PILING DATE: 1998-06-10 PRIOR APPLICATION NUMBER: US 60/009,386 PRIOR FILING DATE: 1995-12-29 PRIOR PILING DATE: 1996-12-09 PRIOR FILING DATE: 1996-12-09 PRIOR FILING DATE: 1996-12-09 PRIOR FILING DATE: US6-12-09 PRIOR FILING DATE: US6-12-09 PRIOR FILING DATE: US6-12-09 PRIOR FILING DATE: US6-12-09
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FILING DATE: 05-Jun-1995
APPLICATION NUMBER: 07/969,734
FILING DATE: 23-0ct-1992
APPLICATION NUMBER: 07/950,417
                                                                                                                                                                                     Sequence 18, Application US/09095106A Patent No. 6331440
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APPLICANT: NASLUND, Jan
APPLICANT: THYBERG, Johan
                4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Amyloidosis
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Best Local Similarity
Matches 4; Conserv
                                                     HHOK 4
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                                                                                                                                                                     US-09-095-106A-18
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                Matches
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ö ö Gaps Gaps ö ö GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
TITLE OF INVENTION: PRODUCTS COMPRISING SUBSTRATESCAPABLE
TITLE OF INVENTION: OF ENZWATIC CROSS-LINKING
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California 100.0%; Score 26; DB 1; Length 7; 100.0%; Pred. No. 4.1e+05; tive 0; Mismatches 0; Indels 100.0%; Score 26; DB 3; Length 6; 100.0%; Pred. No. 4.1e+05; Indels A-58848-1/BIR PROP-011-1 SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/397,633A 0; Mismatches

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JS-09-095-106A-14
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US-09-095-106A-9
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                                                                                                                                                                      APPLICANT: NORDSTEDT, Christer
APPLICANT: NORDSTEDT, Christer
APPLICANT: THYBERG, Jan
APPLICANT: THYBERG, Jars
APPLICANT: THYBERG, Jars
APPLICANT: TERRNBERG, Jars
APPLICANT: TERRNBERG, Lars
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
FILE REFERENCE: 000560-1124
CURRENT FILING DATE: 1998-06-10
FRIOR FILING DATE: 1998-06-10
FRIOR FILING DATE: 1995-12-29
FRIOR APPLICATION NUMBER: PCT/SE96/01621
FRIOR FILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 44
SSOFIND NOS: 44
SSOFIND NO 12
LENGTH: 7
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Sequence 13, Application US/09095106A

Patent No. 631140

GENERAL INFORMATION:

APPLICANT: NASLUND, Jan

APPLICANT: TERENDE, Johan

APPLICANT: TERENUS, Lars

APPLICANT: TERENUS, Lars

APPLICANT: TERENUS, Lars

TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA

TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA

TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA

CURRENT APPLICATION NUMBER: US/09/095,106A

CURRENT APPLICATION NUMBER: US 60/009,386

PRIOR FILING DATE: 1995-12-29

PRIOR FILING DATE: 1996-12-09

NUMBER OF SEQ ID NOS: 44

SSEQ ID NOS: 44

SSEQ ID NO 13

LENGTH: 7
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100.0%; Score 26; DB 3; I
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0;
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ilarity 100.0%; Pred. No. 4.1e+05
Conservative 0; Mismatches
                                                                                     US-09-095-106A-12
; Sequence 12, Application US/09095106A
; Patent No. 6331440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-12
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ORGANISM: Amyloidosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 4; Conserv
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Sequence 14, Application US/09095106A

Sequence 14, Application US/09095106A

Setent No. 6331440

GENERAL INFORMATION:

APPLICANT: NORDSTEDT, Christer

APPLICANT: TURNBERG, Johan

APPLICANT: TURNBERG, Lars O.

APPLICANT: TURNBERG, Lars O.

APPLICANT: TERRIUG, Lars O.

APPLICANT: TERRIUG, Lars O.

APPLICANT: TERRIUG, Lars O.

APPLICANT: TERRIUG, Lars O.

PAPLICANT: TERRIUG, Lars O.

PRICANT: TERRIUG, Lars O.

PRICANT: TERRIUG, Lars O.

PRICANT: 1998-06-10

PRICA PPLICATION NUMBER: US 60/009,386

PRICA PPLICATION NUMBER: US 60/009,386

PRICA PPLICATION NUMBER: PCT/SE96/01621

PRICA PPLICATION NUMBER: PCT/SE96/01621

PRICA PRICA PAPLICATION NUMBER: PCT/SE96/01621

PRICA PRICA PAPLICATION NUMBER: PCT/SE96/01621

PRICA PRICA PAPLICATION NUMBER: PCT/SE96/01621

SOFTWARE: Patentin Ver. 2.0

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 14
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: NASLUND, Jan

APPLICANT: THYBERG, Johan

APPLICANT: THYBERG, Johan

APPLICANT: TERRINGS, Lars O.

APPLICANT: TOWNINGS, Lars O.

APPLICANT: TOWNINGS, Lars O.

FILE REFERENCE: 000500-124

CURRENT FILING DATE: 1998-06-10

FRIOR FILING DATE: 1998-12-09

FRIOR FILING DATE: 1998-12-09

NUMBER OF SEQ ID NOS: 44

SEQ ID NO 8

LENGTH: 8

LENGTH: 8
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100.0%; Pred. No. 4.1e+05;
tive 0; Mismatches 0;
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Best Local Similarity 100.
Matches 4; Conservative
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Best Local Similarity 100.
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , ORGANISM: Amyloidosis
US-09-095-106A-14
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; ORGANISM: Amyloidosis
US-09-095-106A-8
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APPLICANT: NORDSTEDT, Christer
APPLICANT: NORDSTEDT, Christer
APPLICANT: NASLUND, Jan
APPLICANT: THYBERG, Johan
APPLICANT: THYBERG, Jars
APPLICANT: THYBERG, Lars
APPLICANT: TERRINGS, Lars
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLCID-BETA
FILE REFERENCE: 000500-124
CURRENT APPLICATION NUMBER: US 60/009,386
PRIOR APPLICATION NUMBER: US 60/009,386
PRIOR PILING DATE: 1996-12-29
PRIOR PILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 6
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GENERAL INFORMATION:
APPLICANT: NORDSTEDT, Christer
APPLICANT: THYBERG, dohan
APPLICANT: THYBERG, dohan
APPLICANT: TJERNBERG, Lars
APPLICANT: TJERNBERG, Lars
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
FILE REFERENCE: 000500-124
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100.0%; Score 26; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
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Mismatches 0;
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Pred. No.
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Sequence 6, Application US/09095106A

Patent No. 6331440

; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                               TYPE: PRT
CORGANISM: Homo sapiens
US-09-264-709A-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-6
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Best Local Similarity
Matches 4; Conserv
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                                                                                                                                                                                                                                                                                                                LENGTH: 9
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APPLICANT: NARDATEDT, Christer
APPLICANT: NARSLUND, Jan
APPLICANT: THYBERG, Johan
APPLICANT: TJERNBERG, Lars O.
APPLICANT: TJERNBERG, Lars O.
APPLICANT: TJERNBERG, Lars O.
APPLICANT: TERENIUS, Lars O.
APPLICANT: TERENIUS, Lars O.
APPLICANT: TERENIUS, Lars O.
APPLICANT: TERENIUS, Lars O.
APPLICANTON: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
TITLE OF INVENTION: PEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
TITLE OF INVENTION NUMBER: US/09/095,106A
CURRENT FILING DATE: 1998-12-29
PRIOR FILING DATE: 1996-12-29
PRIOR FILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PARCENIUM VET. 2.0
SEQ ID NO 10
                                                                                                                                             APPLICANT: NORDSTEDT, Christer
APPLICANT: NASLUND, Jan
APPLICANT: THYBERG, Johan
APPLICANT: TJERNBERG, Lars O.
APPLICANT: TERRING: Lars
TITLE OF INVENTION: EPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA
FILE REFERENCE: 000500-124
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Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/095,106A
CURRENT FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: US 60/009,386
PRIOR FILING DATE: 1995-12-29
PRIOR PILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin Ver. 2.0
SOFTWARE: Patentin Ver. 2.0
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8-09-095-106A-10
; Sequence 10, Application US/09095106A
; Patent No. 6331440
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                                                                                     Sequence 9, Application US/09095106A
Patent No. 6331440
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TYPE: PRT
ORGANISM: Amyloidosis
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US-09-095-106A-10
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Best Local Similarity
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TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
---- 4; Conservative
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Best Local Similarity 100.
Matches 4; Conservative
; SEQ ID NO 2
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-2
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APPLICANT: NORDSTEDT, Jan
APPLICANT: HYBERG, Johan
APPLICANT: THYBERG, Johan
APPLICANT: TERENIUS, Lars O.
APPLICANT: TO NORD TO SEPTIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA TITLE REFERENCE: 000500-124
CURRENT APPLICATION NUMBER: US/09/095,106A
CURRENT PILING DATE: 1998-06-10
PRIOR FILING DATE: 1995-12-09
PRIOR FILING DATE: 1996-12-09
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Patent No. 6670399
GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REPERENCE: NBI-088
CURRENT APPLICATION NUMBER: US/09/747,408
CURRENT APPLICATION NUMBER: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
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100.0%; Pred. No. 4.1e+05;
Michael Ches 0;
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100.0%; Pred. No. 4.1.
tive 0; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 20
LENGTH: 9
                     PRIOR APPLICATION NUMBER: US 60/009,386 PRIOR FLING DATE: 1995-12-29 PRIOR APPLICATION NUMBER: PCT/SE96/01621 PRIOR FILING DATE: 1996-12-09 NUMBER OF SEQ ID NOS: 44 SOFTWARE: Patentin Ver. 2.0 SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/09095106A Patent No. 6331440
     1998-06-10
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Best Local Similarity 100.
Matches 4; Conservative
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US-09-747-408-20
                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Amyloidosis
US-09-095-106A-7
     CURRENT FILING DATE:
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Best Local Similarity
Matches 4; Conserv
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US-09-747-408-20
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US-09-095-106A-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Vacquez, Nicki
APPLICANT: Vacquez, Nicki
APPLICANT: Vacquez, Nicki
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 12200-004750UC
CURRENT APPLICATION NUMBER: US 09/580,015
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1998-11-30
PRIOR PRILING DATE: 1998-11-30
PRIOR PRIPARE: PAREST 1997-12-02
                                                                                Gaps
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; Patent No. 6743427
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Vasquez, Nicki
; APPLICANT: Yedock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 152703-004750UC
; CURRENT APPLICATION NUMBER: US/09/724,961
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core 26; DB 3; Length 10;
red. No. 25;
Mismatches 0; Indels
100.0%; Score 26;
100.0%; Pred. No. 3
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Patent No. 6743427
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Indels

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Sequence 18, Application US/09724961

Sequence 18, Application US/09724961

Setent No. 6743427

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Vasquez, Nicki

CURRENT APPLICANTION NUMBER: US 09/580,015

PRIOR PILING DATE: 1999-05-28

PRIOR PILING DATE: 1999-05-28

PRIOR PILING DATE: 1999-01-30

PRIOR PILING DATE: 1998-11-30

PRIOR PILING DATE: 1998-11-30
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APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Vagquez, Nicki
APPLICANT: Vagquez, Nicki
APPLICANT: Vagquez, Nicki
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE REPERENCE: 15270J-004750UC
CURRENT APPLICATION NUMBER: US 09/580,015
PRIOR APPLICATION NUMBER: US 09/580,015
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: WO PCT/US00/14810
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                Mismatches
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                4; Conservative
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Best Local Similarity
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                Matches
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Batent No. 6743427

GRNERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004750UC
CURRENT APPLICATION NUMBER: US/09/724,961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide ; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-09-724-961-16
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Pred. No. 25;
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CURRENT FILING DATE: 2000-11-28

PRIOR APPLICATION NUMBER: US 09/580,015

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 1099-05-28

PRIOR FILING DATE: 1999-05-28

PRIOR APPLICATION NUMBER: US 09/201,430

PRIOR PILING DATE: 1998-11-30

PRIOR APPLICATION NUMBER: WO PCT/US00/14810

PRIOR APPLICATION NUMBER: WO PCT/US00/14810

PRIOR APPLICATION NUMBER: WS 60/080,970

PRIOR APPLICATION NUMBER: US 60/080,970

PRIOR PILING DATE: 1998-04-07

PRIOR PILING DATE: 1997-12-02

NUMBER OF SEQ ID NOS: 77

SOFTWARE: PALENTIN VET: 2.1

SEQ ID NO 16
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PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-01-30
PRIOR PILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: WO PCT/US00/14810
PRIOR PILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-10-07
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 4, Conservative
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Best Local Similarity
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APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dicki
APPLICANT: Varquez, Nicki
APPLICANT: Varquez, Nicki
APPLICANT: Yednock, Ted
ITILE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
ITILE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
ITILE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REPREMENCE: 125704-004750UC
CURRENT APPLICATION NUMBER: US 09/580,015
PRIOR PELING DATE: 1999-11-30
PRIOR PELING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR PELING DATE: 1998-11-30
PRIOR PELING DATE: 1998-11-30
PRIOR PLING DATE: 1999-11-30
PRIOR FILING DATE: 1999-11-30
PRIOR PLING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 10
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                             Sequence 21, Application US/09724961
Patent No. 6743427
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 4; Conservative
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CTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
CTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
CHER INFORMATION: peptide)
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Patent No. 6743427
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Vaequez, Nicki
APPLICANT: Vednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004750UC
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CURRENT FILING DATE: 2000-11-28
PRIOR PELICATION NUMBER: US/09/724,961
PRIOR FILING DATE: 2000-01-28
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR APPLICATION NUMBER: US 09/201,430
PRIOR PILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR PELICATION NUMBER: WS 60/080,970
PRIOR PELING DATE: 1998-11-30
PRIOR PELING DATE: 1998-11-30
PRIOR PELING DATE: 1998-04-07
PRIOR PELING DATE: 1998-04-07
PRIOR PILING DATE: 1998-04-07
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PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR FILING DATE: 1998-04-07
PRIOR APPLICATION NUMBER: US 60/067,740
PRIOR FILING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PATENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 4; Conservative
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US-09-724-961-20
                                                                                                                                                                                                                            SEQ ID NO 19
LENGTH: 10
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4; Length 10, 0; Indels

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Sequence 15, Application US/09580018

Sequence 15, Application US/09580018

GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
TITLE OF INVERTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
CURRENT PELICATION NUMBER: US/09/580,018
CURRENT PELIATION NUMBER: US 09/322,289
PRIOR PAPLICATION NUMBER: US 09/322,289
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
US-09-580-018-15
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Best Local Similarity
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RESULT 32

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GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Yednock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REPERENCE: 15270-004760US

CURRENT APPLICATION NUMBER: US/09/580,018

CURRENT FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 09/322,289

PRIOR FILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: Patentin Ver. 2.1
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Sequence 19, Application US/09580018

Patent No. 6761888

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique

APPLICANT: Yednock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

FILE REFERENCE: 15270J-004760US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
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100.0%; Pred. No. 25;
ative 0; Mismatches 0; Indels
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CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                    ; Sequence 18, Application US/09580018; Patent No. 6761888
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ORGANISM: Artificial Sequence
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                                                                                        RESULT 36
US-09-580-018-18
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LENGTH: 10
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                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 12270J-004760US
CURRENT APPLICATION NUMBER: US /09/580,018
FRIOR APPLICATION NUMBER: US 09/322,289
FRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE PATENTING DATE: 2109-05-28
SEQ ID NO 16
LENGTH: 10
  Gaps
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Patent No. 676188

GENERAL INFORMATION:

APPLICANT: Schenk, Daie B.

APPLICANT: Schenk, Daie B.

APPLICANT: Yednock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US

CURRENT APPLICATION NUMBER: US/09/580,018

CURRENT FILING DAIE: 2000-05-26

PRIOR PILING DAIE: 1999-05-28
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US-09-580-018-16
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OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
OTHER INFORMATION: peptide)
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Pred. No. 25;
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100.0%; Pred. No. 25;
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100.0%; Pred. No. 25;
tive 0; Mismatches
0; Mismatches
                                                                                                                                                         RESULT 34
US-09-580-018-16
Sequence 16, Application US/09580018
Patent No. 6761888
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.v
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 17
LENGTH: 10
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Best Local Similarity
Matches 4; Conserv
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Sequence 15, Application US/09724551
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Tednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
CURRENT APPLICATION NUMBER: US/09/580,018
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
                                                                                                           GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Terderique
APPLICANT: Yednock, Terderique
APPLICANT: Yednock, Tervention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
CURRENT APPLICATION NUMBER: US 09/322,289
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PARENTIN Ver. 2.1
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Patent No. 6761888
GENERAL INFORMATION:
                                                                 Sequence 20, Application US/09580018
Patent No. 6761888
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 4; Conservative
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                                          APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease; FILE REFERENCE: 15270J-004760US
CURRENT PAPLICATION NUMBER: US/09/580, 018
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SEQ ID NO 15
LENGTH: 10
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APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Vednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
FURRENT APPLICATION NUMBER: US/09/724,551
CURRENT FILING DATE: 2000-11-28
FRIOR PILING DATE: 2000-11-28
FRIOR PELICATION NUMBER: US/09/580,018
FRIOR PELICATION NUMBER: US/09/580
FRIOR PILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 16
LENGTH: 10
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Patent No. 6787637
                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 4; Conservative
Patent No. 6787637
GENERAL INFORMATION:
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RESULT 42

RESULT 40 US-09-724-551-15

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; Sequence 19, Application US/09724551; Patent No. 6787637; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Matches 4; Conserv
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US-09-724-551-20
        JS-09-724-551-19
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GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Schenk, Dale B.

APPLICANT: Yednock, Ted

TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease;

FILE REPERENCE: 15270J-004760US;

CURRENT APPLICATION NUMBER: US/09/724,551

CURRENT FILING DATE: 2000-01-28

PRIOR FILING DATE: 2000-05-26

PRIOR PILING DATE: 1999-05-28

PRIOR FILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: Patentin Ver. 2.1
                                                       APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
APPLICANT: Yednock, Ted
TILE BEPERENCE: 15270J-004760US
FILE REPERENCE: 15270J-004760US
CURRENT APPLICATION NUMBER: US/09/724,551
CURRENT APPLICATION NUMBER: US/09/580,018
PRIOR PILING DATE: 2000-11-29
PRIOR PILING DATE: 1099-05-28
PRIOR PILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 17
LENGTH: 10
TYPE: PRT
CORGANISM: Artificial Sequence
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Similarity 100.0%; Pred. No. 25,
4; Conservative 0; Mismatches n. Thanh
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Sequence 17, Application US/09724551
Patent No. 6787637
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Patent No. 6787637
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ORGANISM: Artificial Sequence
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Matches 4; Conservative
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Best Local Similarity
Matches 4; Conserv
                                            GENERAL INFORMATION:
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US-09-724-551-18
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LENGTH: 10
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Factor Co. 787637
Factor Co. 787637
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Vednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152703-004760US
CURRENT FILING DATE: 2000-11-28
FRIOR PEPLICATION NUMBER: US/09/580,018
FRIOR APPLICATION NUMBER: US/09/580,018
FRIOR APPLICATION NUMBER: US/09/580,018
FRIOR FILING DATE: 2000-05-26
FRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
CONTRANTE: PATCHING DATE: 1999-05-28
APPLICANT: Schenk, Dale B.
APPLICANT: Sard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
CURRENT APPLICATION NUMBER: US/09/724,551
CURRENT FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1999-05-28
SOFTWARE: Patentin Ver. 2.1
SOFTWARE: Patentin Ver. 2.1
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OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
OTHER INFORMATION: peptide)
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100.0%; Pred. No. 25;
tive 0; Mismatches 0; Indels
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APPLICANT: Findeis, Mark A. et al.
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02109-1875

ZIP: 02109-1875

MEDIUM TYER READABLE FORM:
MEDIUM TYER: Floppy disk
COMPUTER: Floppy disk
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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FAILING DATE: Herewith
CLASSIPICATION: 514
PRIOR APPLICATION DATA:
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UN-1995
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
FILING DATE: 07-UN-1995
PRIOR APPLICATION DATA:
FILING DATE: 27-U07-1995
ATTORNEY/AGENT INFORMATION:
NAME: DECORT! GILIO A.
REFERENCE/DOCKET NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP3
                                                                          SOTO-JARA=1A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application US/08612785B Patent No. 5854204
                                                                    REFERENCE/DOCKET NUMBER: SOTO TELECOMUTICATION INFORMATION: TELEPHONE: 202-628-5197
TELEPHONE: 202-737-3528
INPORMATION FOR SEQ ID NO: 68: SEQUENCE CHARACTERISTICS: LENGTH: 11 amino acids
                        NAME: YUN, Allen C. REGISTRATION NUMBER: 37,971
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: (617) 227-7400
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (617) 742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4; Conservative
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                                                                                                                                                                                                                                                                                           single
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; MOLECULE TYPE: peptide
US-08-612-785B-4
                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: sir
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Best Local Similarity
Matches 4; Conserv
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APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Claudio
APPLICANT: BAUMANN, Marc
APPLICANT: BAUMANN, MARC
APPLICANT: BAUMANN, MARC
APPLICANT: PRANCION: DEPTIDES AND PHARMACEUTICAL
TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
TITLE OF INVENTION: DEPOSITS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                      GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Pardnock, Ted
ITILE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
ITILE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152700-004760US
CURRENT APPLICATION NUMBER: US/09/724,551
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US/09/580,018
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 26; DB 4; Length 10; 100.0%; Pred. No. 25;
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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CLASSPETICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APPL-1996
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/478,326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-766-596A-68
; Sequence 68, Application US/08766596A
; Patent No. 6462171
                                                                          Sequence 21, Application US/09724551
Patent No. 6787637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.
Matches 4, Conservative
                      RESULT 46
US-09-724-551-21
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GENERAL INFORMATION:
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WESUNT 49

SEQUENCE 37, Application US/08612785B

SEQUENCE 37, Application US/08612785B

SEQUENCE 37, Application US/08612785B

SEQUENCE:

TITLE OF INVENTION:

NUMBER OF INVENTION:

ADDRESSE: LAHIVE & COCKFIELD

STREET: 28 State Street, Suite 510

CITY. BOSTON

STATE: MASSCHUSCES:

COUNTRY: USA

ZIP: MOSTON

STATE: MASSCHUSCES:

COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: THE PC COMPATIBLE

SOFTWARE: PATENTION DATA:

MEDIUM TYPE: POSPY disk

COMPUTER: THE PC COMPATIBLE

SOFTWARE: PATENTION DATA:

APPLICATION NUMBER: USSN 08/404,831

FILING DATE: 14 WAR-1995

RIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/475,579

FILING DATE: 14 WAR-1995

RIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/548,998

FILING DATE: 10 "UN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 08/548,998

REFREENCE, DOCKET NUMBER: PPI-002CP3

REGISTRATION NUMBER: 31,503

REGISTRATION PORTA:

REGISTRATION NUMBER: 31,503

REGISTRATION PORTA: 31,503

REGIS
                         Query Match 100.0%; Score 26; DB 2; Length 15; Best Local Similarity 100.0%; Pred. No. 37; Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 26; DB 2; Length 15; Best Local Similarity 100.0%; Pred. No. 37; Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
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RESULT 50 US-08-617-267C-4 ; Sequence 4, Application US/08617267C ; Patent No. 6319498

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APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Wasachusetts
COUNTRY: USA
                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPY disk
COMPUTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATPLICATION NUMBER: USSN 08/548,998
FILING DATE: 10-OCT-1995
ATPLICATION NUMBER: USSN 08/548,998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Decont, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PP.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 15 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amino acid
3Y: linear
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Best Local Similarity
Matches 4; Conserv
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Job time: 10.6849 secs
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Page

GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. OM protein - protein search, using sw model

March 9, 2005, 06:14:45; Search time 8.30137 Seconds (without alignments) 34.070 Million cell updates/sec Run on:

US-10-009-122-1 29 Title: Perfect score:

1 KIVFFA 6 Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

189387 segs, 47137929 residues Searched: Total number of hits satisfying chosen parameters:

189387

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 65 summaries **Database**:

Pending Patents AA New:*

1: /cgn2 6/ptodata/1/paa/PCT NEW COMB.pep:*
2: /cgn2 6/ptodata/1/paa/US06_NEW_COMB.pep:*
3: /cgn2 6/ptodata/1/paa/US07_NEW_COMB.pep:*
4: /cgn2 6/ptodata/1/paa/US08_NEW_COMB.pep:*
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8: /cgn2 6/ptodata/1/paa/US11_NEW_COMB.pep:*
8: /cgn2 6/ptodata/1/paa/US11_NEW_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Appli	10, Appl	56957, A	Appli	7, Appl	1, Appl	3, Appl	11, App	, Appli	l, Appl	, Appli	3, Appl	 Appl 	l, Appl	i, Appl	ż										
Description	Sequence 1,	Sequence 1(Ñ	σ	H	Sequence 14	Sequence 13	Sequence 1(Sequence 3,	Sequence 11	Seguence 2,	Sequence 18	Sequence 15	Sequence 51	Sequence 54	Sequence 45	Sequence 48	Sequence 20,	Sequence 20'	Sequence 21	Sequence 23	Sequence 23,	Sequence 54		Sequence 21	
σī	US-10-705-028-1	US-10-705-028-10	US-10-450-763-56957	US-10-705-028-9	US-10-705-028-17	US-11-042-922-14	US-11-042-922-13		US-10-705-028-3	US-10-705-028-11	US-10-705-028-2	US-10-705-028-18	US-10-705-028-19	PCT-US04-44093-51	PCT-US04-44093-54	PCT-US04-44093-45	PCT-US04-44093-48	US-10-705-028-20	US-09-979-701-20	US-09-979-701-21	US-09-979-701-22	US-09-979-701-23	US-09-979-701-24	US-11-058-757-20	US-11-058-757-21	
DB	9	9	ø	9	9	7	7	9	9	9	9	9	9	٦	ч	-	-	φ	ហ	ហ	'n	ហ	Ŋ	7	7	
Query Match Length DB	9	9	66	9	9	416	514	1144	9	9	7	7	7	80	8	σ	σ	σ	10	10	10	10	10	10	10	
Query	100.0	100.0	100.0	96.6	96.6	96.6	96.6	96.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
Score	29	29	29	28	28	28	28	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
Result No.	П	~	٣	4	S	9	7	σ,	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	

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	88 88 88 88 88 88 88 88 88 88 88 88 88

ALIGNMENTS

RESULT 1
US-10-705-028-1
Sequence 1, Application US/10705028
Sequence 1, Application US/10705028
GENERAL INFORMATION:
APPLICANT: Gervais, Franchine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088CN
CURRENT APPLICATION NUMBER: US/10/705,028
CURRENT FILING DATE: 2003-11-11
PRIOR APPLICATION NUMBER: 60/747,408
FRIOR PILING DATE: 2000-12-22
FRIOR FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastESQ for Windows Version 4.0
SSPTWARE: FastESQ for Windows Version 4.0 Query Match
100.0%; Score 29; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.7e+05;
Matches 6; Conservative 0; Mismatches 0; Indels ORGANISM: Homo sapiens US-10-705-028-1 TYPE: PRT

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Gaps

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Gaps
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o
                                                                                                                                                 Sequence 9, Application US/10705028

Sequence 9, Application US/10705028

GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NB1-088CN
CURRENT APPLICATION NUMBER: US/10/705,028
CURRENT FILING DATE: 2003-11-11
PRIOR APPLICATION NUMBER: 60/717,408
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 1999-12-22
NUMBER OF SEQ ID NOS: 24
SOCTWARR: FastSEQ for Windows Version 4.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 17, Application US/10705028

SEQUENCE TIT Green, Allan M.

APPLICANT: Green, Allan M.

TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Anglopathy
FILE REFERENCE: US-10-11-11

CURRENT APPLICATION NUMBER: US/10/705,028

CURRENT APPLICATION NUMBER: 09/747,408

PRIOR PILING DATE: 2000-11-11

PRIOR APPLICATION NUMBER: 60/171,877

PRIOR PILING DATE: 1999-12-22

PRIOR FILING DATE: 1999-12-22

PRIOR FILING DATE: 1999-12-23

NUMBER OF SEQ ID NOS: 24

NUMBER OF SEQ ID NOS: 24
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Best Local Similarity 83.3
Matches 5; Conservative
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US-10-705-028-9
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US-10-705-028-17
                                         63 KIVFFA 68
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1 KVVFFA 6
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1 KWVFFA 6
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US-11-042-922-14
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NAME/KEY: DOMAIN
LOCATION: (13)...(62)
COTHER INFORMATION: kw TRANSCRIPTASE REVERSE II ORF2 domain identified by
OTHER INFORMATION: eMATRIX, accession number DM01354Z, p-value=2.452e-13, raw score
OTHER INFORMATION: 9.06
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                                                                                                          US-10-705-028-10

Sequence 10, Application US/10705028

GENERAL INFORMATION:

APPLICANT Green, Allan M.

APPLICANT Gervais, Francine

TITLE OF INVENTION: Compounds And Methods For Modulating

TITLE OF INVENTION: Cerebral Amyloid Angiopathy

FILE REFERENCE: NBI-088CN

CURRENT APPLICATION NUMBER: US/10/705,028

CURRENT FILING DATE: 2003-11-11

PRIOR APPLICATION NUMBER: 09/747,408

PRIOR APPLICATION NUMBER: 60/171,877

PRIOR APPLICATION NUMBER: 60/171,877

PRIOR FILING DATE: 1999-12-23

NUMBER OF SEQ ID NOS: 24

SEQ ID NO 10

SEQ ID NO 10
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FILE REFERENCE: 790CH23/US
CURRENT APPLICATION NUMBER: US/10/450,763
CURRENT FILING DATE: 2003-06-11
PRIOR APPLICATION NUMBER: PCT/US01/08631
PRIOR FILING DATE: 2001-03-30
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 60736
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100.0%; Score 29; DB 6; Length 99;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 6; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 29; DB 6; Le
100.0%; Pred. No. 1.7e+05;
tive 0; Mismatches 0;
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; Sequence 56957, Application US/10450763
; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 6; Conservative
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; ORGANISM: Homo sapiens
US-10-705-028-10
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1 KIVFFA 6
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LENGTH: 99
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Pred. No. 57;
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GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Gervais, Francine
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REFERENCE: NBI-088CN
CURRENT APPLICATION NUMBER: US/10/705,028
CURRENT PILING DATE: 2003-11-11
PRIOR APPLICATION NUMBER: 09/747,408
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                0; Indels
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; Sequence 11, Application US/10705028
; GENERAL INFORMATION:
; APPLICANT: Green, Allan M.
; APPLICANT: Gervais, Francine
; TITLE OF INVENTION: Compounds And Methods For Modulating
; TITLE OF INVENTION: Cerebral Amyloid Angiopathy
; FILE REFERENCE: NBI-088CN
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Pred. No. 1.7e+05;
1; Mismatches 0;
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CURRENT FILING DATE: 2003-11-11
PRIOR APPLICATION NUMBER: 09/747,408
FRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SEQ ID NO 11
         CURRENT APPLICATION NUMBER: US/10/937,758A
CURRENT FILING DATE: 2004-09-08
PRIOR APPLICATION NUMBER: 09/650,884
PRIOR FILING DATE: 2000-08-30
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Batentin version 3.1
LENGTH: 1144
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                                                                                                                                                                                                                                                                                               96.6%;
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Best Local Similarity 83.3%;
Si Conservative
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; ORGANISM: Mus musculus
US-10-937-758A-101
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ORGANISM: Homo sapiens
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Best Local Similarity
5; Conserv?
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514 KVVFFA 519
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TYPE: PRT
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GENERAL INFORMATION:
APPLICANT: TERMAN, David S
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE FILE REPERENCE: FILE REPERENCE 650884
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Pred. No. 19;
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APPLICANT: Fisher, Paul B.
APPLICANT: Kang, Dong-Chul
APPLICANT: Gopalkrishnan, Rahul V.
ATTLE OF INVENTION: USE OF MALS AS AN ANTIVIRAL AND
TITLE OF INVENTION: ANTIPROLIFERATIVE AGENT
FILE REPERENCE: A34614-A-RCT-USA-A-A
(070050.2689)
CURRENT APPLICATION NUMBER: US/11/042,922
CURRENT FILING DATE: 2005-01-24
FRIOR APPLICATION NUMBER: PCT/US01/06960
FRIOR APPLICATION NUMBER: PCT/US01/06960
FRIOR APPLICATION NUMBER: PCT/US01/06960
FRIOR APPLICATION NUMBER: C01-22
FRIOR APPLICATION NUMBER: 09/515,363
FRIOR FILING DATE: 2000-02-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sequence | 13, Application US/11042922 |
| Sequence | 13, Application US/11042922 |
| GENERAL INFORMATION |
| APPLICANT: Falser, Paul B. |
| APPLICANT: Kang, Dong-Chul |
| APPLICANT: Gogalkrishnan, Rahul V. |
| TITLE OF INVENTION: USE OF MDA-5 AS AN ANTIVIRAL AND |
| TITLE OF INVENTION: ANTIPROLIFERATIVE AGENT |
| FILE REFERENCE: A34614-A-PCT-USA-A-A (070050.2689) |
| CURRENT APPLICATION NUMBER: US/11/042,922 |
| CURRENT PILING DATE: 2005-01-24 |
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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; ORGANISM: homo sapiens
US-11-042-922-14
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57 KVVFFA 62
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57 KWVFFA 62
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93.1%;
83.3%;
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Best Local Similarity 83.3.
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Best Local Similarity 83.3
Matches 5; Conservative
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US-10-705-028-19
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ORGANISM: Artificial
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                                                   RESULT 13
US-10-705-028-19
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GENERAL INFORMATION:
APPLICANT: Green, Allan M.
APPLICANT: Gerein, Allan M.
TITLE OF INVENTION: Compounds And Methods For Modulating;
TITLE OF INVENTION: Compounds And Methods For Modulating;
TITLE PEFERRNCE: US/10/705,028
CURRENT APPLICATION NUMBER: US/10/705,028
CURRENT FILING DATE: 2003-11-11
PRIOR APPLICATION NUMBER: 60/171,408
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR APPLICATION NUMBER: 60/171,877
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FRAESEQ for Windows Version 4.0
SEQ ID NO 18
                                                                                                                                                                                                                                         US-10-705-028-2

Sequence 2, Application US/10705028

Sequence 2, Application US/10705028

Sequence 2, Application US/10705028

GENERAL INFORMATION:

APPLICANT: Grevais, Francine

TITLE OF INVENTION: Compounds And Methods For Modulating

FILE REFERENCE: NBI-088CN

CURRENT FILING DATE: 2003-11-11

FRIOR FILING DATE: 2000-12-22

FRIOR FILING DATE: 1999-12-33

NUMBER OF SEQ ID NOS: 24

SSEQ ID NOS: 24

SSEQ ID NOS

LENGTH: 7
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                                                                                           0; Indels
                                                     Length 6;
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                                                 Score 27; DB 6; I
Pred. No. 1.7e+05;
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Pred. No. 1.7e+05;
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83.3%;
                                                     93.1%;
                                                     Query Match
Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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; ORGANISM: Homo sapiens
US-10-705-028-2
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; ORGANISM: Homo sapiens
US-10-705-028-11
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2 KLVFFA 7
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1 KLVFFA 6
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APPLICANT: Arumugham, Rasappa
APPLICANT: Arumugham, Rasappa
APPLICANT: Arumugham, Rasappa
APPLICANT: Prasad, A. Krishna
TITLE OF INVENTION: Methods of Producing Immunogenic A? Peptide Carrier Conjugates
FILE REPRENCE: 15270C-000110PC
CURRENT APPLICATION NUMBER: PCT/US04/44093
CURRENT APPLICATION NUMBER: DG 412-17
PRIOR APPLICATION NUMBER: US 60/530,481
PRIOR PILING DATE: 2003-12-17
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.3
SEQ ID NO 51
LENGTH: 8
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; LOCATION: (8)..(8)
; OTHER INFORMATION: CRM 197 added via terminal cysteine
PCT-USO4-44093-51
                                                                                                                                                                                                                                                                                                                                                              Score 27; DB 6; 1
Pred. No. 1.7e+05;
1; Mismatches 0
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Pred. No. 1.7e+05;
1; Mismatches 0
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Sequence 19, Application US/10705028 GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: US 60/530,481
PRIOR FILING DATE: 2003-12-17
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.3
SEQ ID NO 48
                                                                                                                                                                        FEATURE:
OTHER INFORMATION: C + A-beta 16-23
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Best Local Similarity 83.3
Matches 5; Conservative
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US-10-705-028-20
                                                                                                                          TYPE: PRT
ORGANISM: Artificial
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Best Local Similarity
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KLVFFA 9
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KLVFFA 7
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                                                                                                        LENGTH: 9
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| Sequence 45, Application PC/TUS0444093
| Sequence 45, Application PC/TUS0444093
| GENERAL INFORMATION
| APPLICANT: Arumugham, Rasappa
| APPLICANT: Prasad, A. Krishna
| TITLE OF INVERTION: Methods of Producing Immunogenic A? Peptide Carrier Conjugates
| TILE REPRENCE: 15270C-000110PC
| CURRENT APPLICATION NUMBER: PCT/US04/44093
| CURRENT FILING DATE: 2004-12-17
| PRIOR APPLICATION NUMBER: US 60/530,481
| PRIOR FILING DATE: 2003-12-17
| NUMBER OF SEQ ID NOS: 54
| SOFTWARE: PatentIn version 3.3
| SEQ ID NO 45
                     APPLICANT: Arumugham, Rasappa
APPLICANT: Arumugham, Rasappa
APPLICANT: Prasad, A. Krishna
TITLE OF INVENTION: Methods of Producing Immunogenic A? Peptide Carrier Conjugates
FILE REFERENCE: 15270C-000110PC
CURRENT APPLICATION NUMBER: PCT/US04/44093
CURRENT FILING DATE: 2004-12-17
PRIOR APPLICATION NUMBER: US 60/530,481
PRIOR FILING DATE: 2003-12-17
SPING FILING DATE: 2003-12-17
SUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.3
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APPLICANT: Prasad, A. Krishna
TITLE OF INVENTION: Methods of Producing Immunogenic A? Peptide Carrier Conjugates
FILE REFERENCE: 15270C-000110PC
CURRENT APPLICATION NUMBER: PCT/US04/44093
CURRENT FILING DATE: 2004-12-17
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LOCATION: (1). (1). (1)
OTHER INFORMATION: CRM 197 added via N-terminal cysteine
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PCT-US04-44093-45
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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2 KLVFFA 7
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      GENERAL INFORMATION:
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LENGTH: 8
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APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Vasquez, Nicki
APPLICANT: Yednock, Ted
APPLICANT: Veuralab Limited
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
TITLE OF TRING DATE: 2002-03-13
FRIOR FILING DATE: 2000-05-20
FRIOR FILING DATE: 1999-05-28
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Length 9;
DB 1; I
1.7e+05;
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Pred. No. 1.7e+05;
Score 27; DB J
Pred. No. 1.7e-
1; Mismatches
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NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 10
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Matches 5; Conserv
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US-09-979-701-24
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TYPE: PRT
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GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Vadnock, Ted
APPLICANT: Neuralab Limited
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004753US
FILE REFERENCE: 15270J-004753US
FILE REFERENCE: 15270J-004753US
FILE REFERENCE: 2002-03-13
PRIOR PILING DATE: 2000-05-20
PRIOR PLING DATE: 2000-05-20
PRIOR PLING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 10
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GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Schenk, Dale B.
APPLICANT: Vasquez, Nicki
APPLICANT: Vacquez, Nicki
CURRENT: Vacquez, Nicki
CURRENT: Schoology 2002-0313
FILE REFERENCE: 152704-004753US
CURRENT FILING DATE: 2002-0313
FRIOR PILICATION NUMBER: WO PCT/US00/14810
FRIOR FILING DATE: 2000-05-20
FRIOR FILING DATE: 1999-05-28
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                                                    FEATURE:
CHER INFORMATION: Description of Artificial Sequence:10-mer peptide
CHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
US-09-979-701-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide ; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid ; OTHER INFORMATION: peptide)
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llarity 83.3%; Pred. No. 0.65;
Conservative 1; Mismatches 0; Indels
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Pred. No. 0.65;
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                   TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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5 KLVFFA 10
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4 KLVFFA 9
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LENGTH: 10
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APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
CURRENT FILING DATE: 2002-03-13
PRIOR FILING DATE: 2000-05-20
PRIOR FILING DATE: 1999-05-28
PRIOR PLICANTION NUMBER: US 09/322,289
PRIOR PLICANTION NUMBER: US 09/322,289
PRIOR PLICANTION NUMBER: US 09/322,289
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APPLICANT: Schenk, pale B.
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Vadnock, Ted
APPLICANT: Vednock, Ted
APPLICANT: Neuralab Limited
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004753US
CURRENT APPLICATION VUMBER: US(99/979,701
CURRENT FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: WO PCT/US00/14810
                                                           FEATURE: OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            of Artificial Sequence:10-mer peptide sequence (human Abeta42, beta-amyloid
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83.3%; Pred. No. 0.65;
ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                   Score 27; DB 5;
Pred. No. 0.65;
1; Mismatches
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GENERAL INFORMATION:
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OTHER INFORMATION: Description
OTHER INFORMATION: from AN1792
OTHER INFORMATION: peptide)
                                                                                                                                                                                                                                         93.1%;
TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 83.3
Matches 5; Conservative
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RESULT 26
US-11-058-757-22
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US-11-058-757-23
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APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TILE CHI INCHAILON: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 15270J-004760US
CURRENY APPLICATION NUMBER: US/11/058,757
CURRENY APPLICATION NUMBER: US/09/580,018
PRIOR FILING DATE: 2005-02-14
PRIOR FILING DATE: 2006-05-26
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SCHUMBE: Patentin Ver. 2.1
SEQ ID NO 20
LENGTH: 10
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GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease.
FILE REPERENCE: 125704-004760US
CURRENT FILING DATE: 2005-02-14
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide ; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid ; OTHER INFORMATION: peptide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
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Pred. No. 0.65;
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Pred. No. 0.65;
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PRIOR FILING DATE: 2000-05-20
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 24
LENGTH: 10
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                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                               93.1%;
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ORGANISM: Artificial Sequence
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ilarity 83.3%;
Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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Matches 5; Conserv
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KLVFFA 10
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; Sequence 22, Application US/11058757
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Vednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; TITLE OF INVENTION: WUMBER: US/09/580,018
; CURRENT FILING DATE: 2006-02-14
; PRIOR APPLICATION NUMBER: US/09/580,018
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 22
LENGTH: 10
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Yednock, Ted
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152703-004760US
CURRENT APPLICATION NUMBER: US/11/058,757
CURRENT FILING DATE: 2005-02-14
PRIOR FILING DATE: 2006-02-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: US/9/580,018
PRIOR FILING DATE: US/9/580,018
                                                                                                                                                                                                           FEATURE: OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid OTHER INFORMATION: peptide)
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83.3%; Pred. No. 0.65;
ive 1; Mismatches 0; Indels
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SEQ ID NO 21
LENGTH: 10
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OTHER INFORMATION: Description
OTHER INFORMATION: from AN1792
OTHER INFORMATION: peptide)
                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 83.3
Matches 5; Conservative
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Matches 5, Conservative
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LENGTH: 19
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Sequence 75, Application US/09979701
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Vaguez, Nicki
APPLICANT: Yednock, Ted
APPLICANT: Yednock, Ted
APPLICANT: Yednock, Ted
APPLICANT: Yednock, 150
CURRENT SEPERENCE: 15270J-004753US
CURRENT APPLICATION NUMBER: US/09/979,701
CURRENT FILING DATE: 2002-03-13
PRIOR FILING DATE: 2000-05-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 24, Application US/11058757
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REPERENCE: 15270J-004760US
                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; OTHER INFORMATION: peptide)
US-11-058-157-24
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Pred. No. 0.65;
1; Mismatches 0; Indels
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83.3%; Pred. No. 0.65;
tive 1; Mismatches 0; Indels
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CURRENT FILING DATE: 2005-02-14

PRIOR APPLICATION NUMBER: US/09/580,018

PRIOR FILING DATE: 2000-05-26

PRIOR PILING DATE: 1999-05-28

NUMBER: OF SEQ ID NOS: 77

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 24

LENGTH: 10
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Best Local Similarity 83.3%;
Matches 5; Conservative
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ORGANISM: Artificial Sequence
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PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 23
LENGTH: 10
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Best Local Similarity 83.3
Matches 5; Conservative
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US-11-058-757-24
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APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Tednock, Ted
TILE BEFRENCH: 15270J-004760US
CURRENT APPLICATION NUMBER: US/11/058,757
CURRENT FILING DATE: 2005-02-14
PRIOR FILING DATE: 2005-02-14
PRIOR FILING DATE: 1999-05-26
PRIOR FILING DATE: 1999-05-26
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 75
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OTHER INFORMATION: peptide with two Gly residues added and inserted
OTHER INFORMATION: Cys residue
FEATURE:
NAME/KEY: MOD_RES
LOCATION: (1)
OTHER INFORMATION: Xaa = N-acetyl His
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ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Abeta 13-28
OTHER INFORMATION: peptide with two Gly residues added and inserted
OTHER INFORMATION: Cys residue
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83.3%; Pred. No. 1.3;
iive 1; Mismatches (
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83.3%; Pred. No. 1.3;
tive 1; Mismatches
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 77
SOFTWARE PATENTIN VEY: 2.1
SEQ ID NO 75
LENGTH: 19
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APPLICANT: Tomasselli, Alfredo G.
                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
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Best Local Similarity 83.3
Matches 5, Conservative
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Best Local Similarity
Matches 5; Conserv
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APPLICANT: Arumudham, Rasappa
APPLICANT: Arumudham, Rasappa
APPLICANT: Prasad, A. Krishna
TITLE OF INVENTION Methods of Producing Immunogenic A? Peptide Carrier Conjugates
TILE REFERENCE: 15270C-00011090C
CURRENT APPLICATION NUMBER: PCT/US04/44093
CURRENT FILING DATE: 2004-12-17
PRIOR APPLICATION NUMBER: US 60/530,481
PRIOR FILING DATE: 2003-12-17
RUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.3
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APPLICANT: Bard, Frederique
APPLICANT: Bard, Frederique
APPLICANT: Waguez, Nicki
APPLICANT: Vednock, Ted
APPLICANT: Vednock, Ted
APPLICANT: Neuralab Limited
TITLE OF INNENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152/01-004753US
CURRENT APPLICATION NUMBER: US/09/979,701
CURRENT PILING DATE: 2002-03-13
PRIOR PELLING DATE: US/09/05-20
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1999-05-28
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Pred. No. 3;
1; Mismatches
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Pred. No.
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Best Local Similarity 83.3.
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Best Local Similarity 83.3
Si Conservative
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SOFTWARE: Patentin Ver. 2.1
                                                                                                                            ; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US04-44093-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT
; ORGANISM: Mus musculus
PCT-USO4-44093-42
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Best Local Similarity
Matches 5; Conserv
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16 KLVPFA 21
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16 KLVFFA 21
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                                                                                                           LENGTH: 42
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LENGTH: 42
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APPLICANT: Arumgham, Rasappa
APPLICANT: Arumgham, A. Krishna
TITLE OF INVENTION: Methods of Producing Immunogenic A? Peptide Carrier Conjugates
FILE REFERENCE: 15270C-000110PC
CURRENT APPLICATION NUMBER: PCT/US04/44093
CURRENT FILING DATE: 2004-12-17
PRIOR FILING DATE: 2003-12-17
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.3
SEQ ID NO 21
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APPLICANT: Emmons, Thomas L.

APPLICANT: Bienkowski, Mike J.

APPLICANT: Heinrikson, Robert L.

TITLE OF INVENTION: SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY
FILE REFERENCE: 29915/00281A.US

CURRENT APPLICATION NUMBER: US/09/908,943B

CURRENT ELING DATE: 2001-07-19

PRIOR RPLING DATE: 2001-07-19

NUMBER OF SEQ ID NOS: 129

SOCTWARE: Patentin Ver. 2.0

SEQ ID NO 25

LEMCTH: 20
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FILE REPRENCE: 25182
CURRENT APPLICATION WUMBER: US/10/250,581A
CURRENT FILING DATE: 2004-01-14
FRIOR APPLICATION NUMBER: DE 101 01 430 A1
FRIOR FILING DATE: 2001-01-13
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin version 3.3
SOFTWARE: Patentin version 3.3
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FCT-USO4-44093-21
Sequence 21, Application PC/TUS0444093
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 93.1
Best Local Similarity 83.3
Matches 5; Conservative
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Matches 5; Conservative
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US-10-250-581A-20
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14 KLVFFA 19
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16 KLVFFA 21
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Query Match 93.1
Best Local Similarity 83.3
Matches 5; Conservative
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GENERAL INFORMATION:
APPLICANT: HAUPTS, Ulrich
APPLICANT: ROLTERWANN, Andre
APPLICANT: SCHEIDIG, Andrees
APPLICANT: VOTSWEIER, Christian
APPLICANT: WOTSWEIER, Christian
APPLICANT: CCCO, Wayne Michael
TITLE OF INVENTION: New Biological Entities And The Pharmaceutical
TITLE OF INVENTION: New Biological Entities And The Pharmaceutical
TITLE REPERENCE: 04156.000203
FILE REPERENCE: 04156.000203
CURRENT APPLICATION NUMBER: US/11/021,951
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                                                                                                                                                                 ## Sequence 1, Application US/10903279
## Sequence 1, Application US/10903279
## Sequence 1, Application US/10903279
## SERENAL INFORMATION:
## APPLICANT: Weiner, Howard
## APPLICANT: Selkoe, Dennis J.
## TITLE OF INVENTION: AMYLOID beta-PEPTIDE AND METHODS OF USE
## TITLE OF INVENTION: AMYLOID beta-PEPTIDE AND METHODS OF USE
## TITLE OF INVENTION: AMYLOID beta-PEPTIDE AND METHODS OF USE
## CURRENT APPLICATION NUMBER: US/10/903,279
## CURRENT PILING DATE: 2004-07-30
## PRIOR FILING DATE: 2003-07-30
## NUMBER OF SEQ ID NOS: 2
## SOFTWARE: FastSEQ for Windows Version 4.0
## SEQ ID NO 1
## ILENGTH: 42
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PRIOR FILING DATE: 2004-06-18
PRIOR FILING DATE: 2004-06-18
PRIOR FILING DATE: 2004-02-11
PRIOR APPLICATION NUMBER: 60/524,960
PRIOR APPLICATION NUMBER: 60/524,960
PRIOR PILING DATE: 2004-02-11
PRIOR PRIDR PRIOR DATE: 2004-02-11
PRIOR PRILING DATE: 2003-11-15
PRIOR FILING DATE: 2003-11-11
PRIOR FILING DATE: 2003-11-10
PRIOR PRILICATION NUMBER: EP 03025851
PRIOR PRILICATION NUMBER: EP 03025851
PRIOR PRILING DATE: 2003-11-10
PRIOR PILING DATE: 2003-11-10
PRIOR PILING DATE: 2003-11-10
PRIOR PILING DATE: 2003-06-18
NUMBER OF SEQ ID NOS: 191
SEQ ID NO 190
LENGTH: 42
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Best Local Similarity 83.3
Matches 5; Conservative
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ORGANISM: Homo sapiens
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US-11-021-951-190
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                              KIVFFA 6
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US-11-021-951-190
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US-11-058-157-42

US-11-058-157-42

Sequence 4.2, Application US/11058757

GENERAL INFORMATION:

APPLICANT: Schenk, Dale B.

APPLICANT: Bard, Frederique

APPLICANT: Bard, Frederique

APPLICANT: Yed

TITE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TITE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TITE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease

TITE OF INVENTION WIMBER: US/09/580,018

PRIOR APPLICATION NUMBER: US/09/580,018

PRIOR APPLICATION NUMBER: US 09/322,289

PRIOR FILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 77

SOFTWARE: PatentIN Ver. 2.1

SOFTWARE: PatentIN Ver. 2.1
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93.1%; Score 27; DB 8; Length 42;
Best Local Similarity 83.3%; Pred. No. 3;
Matches 5; Conservative 1; Mismatches 0; Indels
Score 27; DB 7; Length 42;
Pred. No. 3;
1; Mismatches 0; Indels
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Sequence 7, Application US/60647493

GENERAL INFORMATION:
APPLICANT: Rubinstein, Amy
TITLE OF INVENTION: TRANSGENIC ZEBRAFISH MODELS FOR
TITLE OF INVENTION: ALCHEUMER'S DISEASE
FILE REFERENCE: 26007.0004U1
CURRENT APPLICATION NUMBER: US/60/647,493
CURRENT FILING DATE: 2005-01-27
NUMBER OF SEQ ID NOS: 11
SEQ ID NO 7
SEQ ID NO 7
LENGTH: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: human Abeta42 beta-amyloid peptide US-11-058-757-42
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83.3%; Pred. No. 3;
iive 1; Mismatches (
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ORGANISM: Artificial Sequence
FEATURE:
     93.1%;
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Best Local Similarity 83.3
Matches 5; Conservative
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ORGANISM: Homo sapiens
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APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFRENCE: 38-10(15849)B CURRENT APPLICATION NUMBER: US/11/031,175
CURRENT FILING DATE: 2005-01-08
PRIOR FILING DATE: 2005-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 13513
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US-60-651-509-336
; Sequence 336, Application US/60651509
; GENERAL INFORMATION:
; APPLICANT: RUBEN, Steven et al.
; TITLE OF INVENTION: BREAST DISEASE TARGETS AND USES THEREOF
; FILE REPERENCE: CLO01578
; CURRENT APPLICATION NUMBER: US/60/651,509
; CURRENT FILING DATE: 2005-02-10
; NUMBER OF SEQ ID NOS: 1940
; SEQ ID NO 336
; LENGTH: 695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:/note = OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                               Length 123;
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GENERAL INFORMATION:
APPLICANT: RUBINSTEAL, AMY
TITLE OF INVENTION:
TITLE OF INVENTION: ALXHERMER'S DISEASE;
FILE REFERENCE: 26007.0004U1
CURRENT APPLICATION NUMBER: US/60/647,493
CURRENT FILING DATE: 2005-01-27
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FRASESQ FOR WINDOWS Version 4.0
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Pred. No. 9.4;
2; Mismatches
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ORGANISM: Artificial Sequence
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Best Local Similarity 66.7
Matches 4; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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ORGANISM: Homo sapiens
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612 KLVFFA 617
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52 KVIFFA 57
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US-60-647-493-3
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LENGTH: 695
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LOCATION: (45)...(59)
OTHER INFORMATION: BETA-AMYLOID PEPTIDE (BETA-APP) SIGNATURE domain identified
OTHER INFORMATION: B WANTRIX, accession number PR00204A, p-value=1.346e-19, raw scc OTHER INFORMATION: of 16.44
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TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REPERENCE: 790CTP3/US
CURRENT APPLICATION NUMBER: US/10/450,763
CURRENT FILING DATE: 2003-06-11
PRIOR APPLICATION NUMBER: PCT/US01/08631
PRIOR PILING DATE: 2001-03-30
PRIOR FILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 60736
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                                                                                                                                                                                                                                                                                                                                                                                                     DB 6; Length 43;
                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
                                Sequence 1, Application US/10250581A
SEQUENCE 1, Application US/10250581A
GAPELICANT: Fraunhows:
APPLICANT: Fraunhows:
TITLE REFERENCE: 25182
CURRENT FILIGE DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US/10/250,581A
CURRENT FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: DE 101 01 430 A1
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn version 3.3
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; OTHER INFORMATION: Xaa = X or * as defined in Table 2
US-10-450-763-49442
                                                                                                                                                                                                                                                                                                                                                                                                   Score 27; DB Pred. No. 3.1; 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-450-763-49442; Sequence 49442; Sequence 49442; Application US/10450763; GENERAL INFORMATION:
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Best Local Similarity 83.3%;
Matches 5; Conservative
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Best Local Similarity 83.5
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LOCATION: (1)...(93)
                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
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57 KLVFFA 62
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US-11-031-175-13513
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LENGTH: 93
                 -10-250-581A-1
                                                                                                                                                                                                                                                                                                                                                         US-10-250-581A-1
                                                                                                                                                                                                                                                                                                LENGTH: 43
                                                                                                                                                                                                                                                                      SEQ ID NO 1
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AGENORA #3
AGENORA #364-1168

Sequence 1168, Application US/10287436A
GENERAL INFORMATION:
APPLICANT: CHILDREN'S HOSPITAL MEDICAL CENTER
TITLE OF INVENTION: REHEWATOID ARTHRITIS
TITLE OF INVENTION: RHEWMATOID ARTHRITIS
FILE. REFERENCE: 10872.514696
CURRENT APPLICATION NUMBER: US/10/287,436A
CURRENT FILING DATE: 2002-10-31
PRIOR FILING DATE: 2001-10-31
NUMBER OF SEQ ID NOS: 1446
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1168
LENGTH: 770
                                                                                                                                                                                                                                                                                                                                             Sequence 471, Application US/10287436A
Sequence 471, Application US/10287436A
GENERAL INFORMATION:
APPLICANT: CHILDREN'S HOSPITAL MEDICAL CENTER
TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: RHEUMATOID ARTHRITIS
FILE REFERENCE: 10872.514696
CURRENT APPLICATION NUMBER: US/10/287,436A
CURRENT PILING DATE: 2002-10-31
PRIOR PLILNG DATE: 2001-10-31
NUMBER OF SEQ ID NOS: 1446
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 471
LENGTH: 770
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Pred. No. 66;
1; Mismatches 0; Indels
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                                                                                                                     Length 751;
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                                                                                                                                                               Indels
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                                                                                                                          DB 8;
                                                                                                                          Score 27; DB 8
Pred. No. 64;
1; Mismatches
                                                                                                                          Query Match 93.1%;
Best Local Similarity 83.3%;
Matches 5; Conservative 1
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Best Local Similarity 83.3
Matches 5; Conservative
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US-10-287-436A-1168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-287-436A-471
                 LENGTH: 751
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-651-509-339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 687 KLVFFA 692
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668 KLVFFA 673
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SEQ ID NO 339
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Sequence 332, Application US/60651509
GENERAL INPORMATION:
TITLE OF INVENTION: BREAST DISEASE TARGETS AND USES THEREOF
FILE REFERENCE: CLOO1578
CURRENT APPLICATION NUMBER: US/60/651,509
CURRENT FILING DATE: 2005-02-10
NUMBER OF SEQ ID NOS: 1940
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 332
LENGTH: 751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     93.1%; Score 27; DB 8; Length 751;
83.3%; Pred. No. 64;
tive 1; Mismatches 0; Indels
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Sequence 339, Application US/60651509
Sequence 339, Application US/60651509
GENERAL INFORMATION:
APPLICANT: RUBEN, Steven et al.
TITUE OF INVENTION: BREAST DISEASE TARGETS AND USES THEREOF
FILE REFERENCE: CL001578
CURRENT APPLICATION NUMBER: US/60/651,509
CURRENT FILING DATE: 2005-02-10
NUMBER OF SEQ ID NOS: 1940
SOFTWARE: FASELSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                  Sequence 340, Application US/60651509
GENERAL INFORMATION:
APPLICANT RUBEN, Steven et al.
APPLICANT: RUBEN, Steven et al.
TITLE OF INVENTION: BREAST DISEASE TARGETS AND USES THEREOF
FILE REFERENCE: CL001578
CURRENT APPLICATION NUMBER: US/60/651,509
CURRENT FILING DATE: 2005-02-10
NUMBER OF SEQ ID NOS: 1940
SOFTWARE: FactSEQ for Windows Version 4.0
SEQ ID NO 340
LENGTH: 695
                   Score 27; DB 8; Length 695;
Pred. No. 59;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 27; DB 8; Length 695;
Pred. No. 59;
1; Mismatches 0; Indels
                          93.1%;
83.3%;
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Best Local Similarity 83.3%;
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
                          Query Match
Best Local Similarity 83.3
Matches 5; Conservative
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CORGANISM: Homo sapiens
US-60-651-509-340
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US-60-651-509-332
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668 KLVFFA 673
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612 KLVFFA 617
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US-60-651-509-340
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RESULT 50
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28 96.6 5747 15 US-10-296-734-405 27 93.1 890 15 US-10-369-493-8703 27 93.1 1331 16 US-10-437-963-195961 26 89.7 64 16 US-10-437-963-192958	26 89.7 69 15 US-10-424-599-222643 26 89.7 78 15 US-10-424-599-160048	26 89.7 139 15 US- 26 89.7 201 15 US- 26 89.7 428 15 US- 26 89.7 428 15 US- 26 89.7 544 15 US-	6 89.7 636 15 US-10-369-493-17930 6 89.7 687 16 US-10-437-963-137429 6 89.7 911 13 US-10-141-132-2 5 86.2 40 10 US-09-764-891-3264	25 86.2 41 16 US-10-437-963-172128 25 86.2 42 9 US-09-764-877-1207 25 86.2 42 15 US-10-242-515-1207	25 86.2 44 15 US-	25 86.2 57 10 US-09-764-891-5193 25 86.2 57 15 US-10-424-599-223207	25 86.2 58 15 US- 25 86.2 58 15 US- 25 86.2 58 16 US-	25 86.2 69 16 US-10-437-963-156769 25 86.2 70 15 US-10-424-599-195770 25 86.2 70 16 US-10-437-963-118382 25 86.2 76 15 HS-10-424-593-206603	25 86.2 77 15 US-10-424-599-256442	25 86.2 81 15 US-10-424-599-261939 25 86.2 83 15 US-10-424-599-175620	25 86.2 83 15 US- 25 86.2 87 15 US-	25 86.2 94 15 US-10-424-599-234710	25 86.2 98 15 US- 25 86.2 101 15 US-	25 86.2 104 15 US-10-424-599-225698 25 86.2 106 15 US-10-424-599-231294	25 86.2 110 15 US-10-424-599-279195	25 86.2 111 16 US-10-437-963-123170	25 86.2 112 15 US-1U-424-599-15894/ 25 86.2 113 15 US-10-424-599-161001	25 86.2 118 15 US-10-424-599-226218	25 86.2 126 15 US-10-424-599-152533 25 86.2 126 15 US-10-424-599-261281	25 86.2 135 15 US-	25 86.2 156 15 US-10-425-114-51087	25 00:2 159 10 US-1U-70/7/UI-99100 1	ALIGNMENTS	
GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.	OM protein - protein search, using sw model	Run on: March 9, 2005, 06:27:44; Search time 49:3151 Seconds (without alignments) 40:034 Million cell updates/sec	4	Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5	Searched: 1391452 seqs, 329044822 residues	Total number of hits satisfying chosen parameters: 1391452	Minimum DB seq length: 0 Maximum DB seq length: 200000000	Post-processing: Minimum Match 10% Match 100% Listing first 65 summaries		D		5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*	•• ••	8: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:* 9: /cgn2_6/ptodata/1/puppaa/USO9_PUBCOMB.pep:*	10: /cgn2_6/ptodata/1/pubpaa/USO9B_PUBCOMB.pep:*	12: / cgnz / prodata/// puppaa/USOS NEW PUB.pep: *	14: //can2 6/btodata/1/pubga/us.loA_relocum.pep;*	15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*	10: /cgnz_o/procata1/pubpa/usluz_buc/ms.pep: 17: /cgnz_o/procata1/pubpa/usluz_buc/ms.pep:* 17: /cgnz_o/procata1/pubpaa/usluz_msp:*		20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed,	and is derived by analysis of the total score distribution,	SUMMARIES

RESULT 1 US-09-867-847-14	; Sequence 14, Application OS/0380/84/ ; Patent No. US20020094335A1 ; GENERAL HYORMATION:	, APPLICANT: Chalifour, Robert	; APPLICANT: Hebert, Libe	; APPLICANT: Kong, Xianqi	; APPLICANT: Gervais, Francine	; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S	; TITLE OF INVENTION: AND AMYLOID RELATED DISEASES	; FILE REFERENCE: 14445-501 CIP	; CURRENT APPLICATION NUMBER: US/09/867,847	; CURRENT FILING DATE: 2001-09-20	; PRIOR APPLICATION NUMBER: 60/168,594	PRIOR FILING DATE: 1999-11-29
Description	Sequence 14, Appl Sequence 22, Appl	Sequence 4, Appli	Sequence 12, Appl	Sequence 5, Appli	Sequence 13, Appl	Sequence 3980, Ap	Sequence 203341,	Seguence 192576,	Seguence 13359, A	Sequence 2767, Ap	Sequence 2025, Ap	Seguence 393, App
OI B	US-09-867-847-14 US-09-867-847-22	US-09-915-092-4	US-09-915-092-12	0 US-09-747-408-5	0 US-09-747-408-13	7 US-10-472-928-3980	6 US-10-437-963-203341	6 US-10-437-963-192576	5 US-10-369-493-13359	5 US-10-264-049-2767	5 US-10-369-493-2025	5 US-10-296-734-393

Result No.

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Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
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ORGANISM: Homo sapiens
US-09-915-092-12
                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
CRGANISM: Homo sapiens
US-09-915-092-4
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Sequence 22, Application US/09867847

Sequence 22, Application US/09867847

Sequence 22, Application US/09867847

Sevent No. US20020004335A1

GENERAL INFORMATION:

APPLICANT: Chalifour, Robert

APPLICANT: Gervaie, Francine

APPL
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                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: All D peptides OTHER INFORMATION: or peptidomimetics
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 6;
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APPLICANT: Kong, Xianqi
APPLICANT: Chalifour, Robert
APPLICANT: Migneault, David
TITLE OF INVENTION: AMYLOID TARGETING IMAGING AGENTS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 29; DB 9; I 100.0%; Pred. No. 1.3e+06; ative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
PRIOR APPLICATION NUMBER: 09/724,842
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 4, Application US/09915092; Publication No. US20020115717A1
                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 100.
Matches 6; Conservative
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Matches 6; Conservative
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US-09-915-092-4
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83 AFFVLK 88
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100.0%; Score 29; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 6; Conservative 0; Mismatches 0; Indels
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US-09-747-408-13
Sequence 13, Application US/09747408
Sequence 13, Application US/09747408
Publication No. US20030003141A1
GENERAL INFORMATION:
APPLICANT: Green, Allan M.
TITLE OF INVENTION: Compounds And Methods For Modulating
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REPERENCE: NBI-088
CURRENT FILING DATE: 2000-12-22
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 6
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100.0%; Pred. No. 1.3e+06;
iive 0; Mismatches 0;
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Best Local Similarity 100.0
Matches 6; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
                                  ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-747-408-5
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ORGANISM: Homo sapiens
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LENGTH: 6
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1 AFFVLK 6

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NS-10-437-963-203341

i Sequence 203341, Application US/10437963

i Sequence 203341, Application No. US20040123343A1

j GENERAL INFORMATION:
   APPLICANT: La Rosa, Thomas J.
   APPLICANT: Zhou, Yihua
   APPLICANT: Cao, Yongwei
   APPLICANT: Cao, Yongwei
   APPLICANT: Boukharov, Andrey A.
   APPLICANT: Buckharov, Andrey A.
   APPLICANT: APPLICANT: Buckharov, Andrey A.
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APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Barbaruk, Brad
APPLICANT: Barbaruk, Brad
APPLICANT: Li, Ping

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US-10-437-963-192576
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US-10-437-963-203341
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100.0%; Score 29; DB 16;
Best Local Similarity 100.0%; Pred. No. 86;
Matches 6; Conservative 0; Mismatches 0;
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SEQ ID NO 203341
LENGTH: 98
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Sequence 2025, Application US/10369493 Publication No. US20030233675A1
                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Saccharomyces cerevisiae US-10-369-493-2025
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 83.3
Matches 5; Conservative
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Best Local Similarity 83.3
Matches 5, Conservative
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1082 AFFILK 1087
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1034 AFFILK 1039
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 AFFVLK 6
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                                                                                                 Sequence 13359, Application US/10369493

Publication No. US20030233675A1

GENERAL INFORMATION:

APPLICANT: Cao, Yongwei

APPLICANT: Glader, Steven C.

APPLICANT: Glader, Steven C.

APPLICANT: Glader, Steven C.

APPLICANT: Glader, Steven C.

APPLICANT: Glader, Barry S.

APPLICANT: Glader, Winnfeng

TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES

FILE REPERENCE: 38-10(52052)B

CURRENT APPLICATION WINNER: US/10/369,493

CURRENT APPLICATION NUMBER: US/03-02-28

PRIOR APPLICATION NUMBER: US 60/360,039

PRIOR FILING DATE: 2002-02-21

NUMBER: OF SEQ ID NOS: 47374

SEQ ID NO 13359
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Publication No. US20040005579A1

GENERAL INPORMATION:

APPLICANT: Birse et al.

TILLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REPRENCE: PA137P1

CURRENT APPLICATION NUMBER: US/10/264,049

CURRENT FILING DATE: 2002-10-04

PRIOR APPLICATION NUMBER: PCT/US01/18569

PRIOR APPLICATION NUMBER: US 60/209,467

PRIOR FILING DATE: 2000-06-07

NUMBER OF SEQ ID NOS: 4360

SOFTWARE: PATENTIN UPPLICATION NUMBER: US 60/209,467

SEQ ID NO 2767

LENGTH: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 29; DB 15; Length 220; 100.0%; Pred. No. 1.6e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 106;
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Pred. No. 1.3e+02;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: ungure

: LOCATION: (1)..(220)

: OTHER INFORMATION: ungure at all Xaa locations

US-10-369-493-13359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Aspergillus nidulans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
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; ORGANISM: Homo sapiens
US-10-264-049-2767
100 AFFVLK 105
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92 AFFILK 97
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                                                                                     US-10-369-493-13359
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Go, Yongwei

APPLICANT: Gladman, Barry S.

APPLICANT: Goldman, Barry S.

APPLICANT: Chen, Xianfeng

TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES

TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES

FILE REPERENCE: 38 -10 (5202.9)

CURRENT APPLICATION NUMBER: US 60/360,039

PRIOR APPLICATION NUMBER: US 60/360,039

PRIOR PILING DATE: 2002-02-21

NUMBER OF SEQ ID NOS: 47374
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 339, Application US/10296734

Publication No. US20040054137A1

GENERAL INPORMATION:

APPLICANT: Thompson, Scott A

TITLE OF INVENTION: Synthetic molecules and uses therefor
FILE REPERRNCE: Savine
CURRENT FILICATION NUMBER: US/10/296,734

CURRENT FILICATION NUMBER: US/10/296,734

CURRENT FILICATION NUMBER: AU PQ7761/00

PRIOR FILICATION NUMBER: AU PQ7761/00

SOUTWARE: PatentIn version 3.2

SEQ ID NO 393

LENGTH: 1896
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Publication No. US20040054137A1
GENERAL INFORMATION:
APPLICANT: Thrompson, Scott A
APPLICANT: Ramshaw, Ian A
TITLE OF INVENTION: Synthetic molecules and uses therefor
FILE REFERENCE: Savine
CURRENT APPLICATION NUMBER: US/10/296,734
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us-10-437-963-192958
; Sequence 192958, Application US/10437963
; Publication No. US20040123343A1
; Publication No. US20040123343A1
; Publication No. US20040123343A1
; APPLICANT: Ex Rosa, Thomas J.
; APPLICANT: Acou, Yihua
; APPLICANT: Zhou, Yihua
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Buckharov, Andrey A.
; APPLICANT: Buckharov, Andrey A.
; APPLICANT: Buckharov, Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Diants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(5321)B
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 192958
; LENGTH: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-424-599-222643.
US-10-424-599-222643.
US-10-424-599-222643.
Sequence 222643. Application US/10424599
Sequence 222643. Application US/10424599
Sequence 222643. Application US. US/2040031072A1
SEQUENCE 222643.
Sequence 222643.
APPLICANT: La Rosa Thomas J
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)8
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 222643
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Pred. No. 2.4e+03;
1; Mismatches 0; Indele
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Pred. No. 2.2e+02;
1; Mismatches 0; Indels
                                                                                                                                                          ; OTHER INFORMATION: Clone ID: PAT_MRT4530_91859C.1.pep
US-10-437-963-195961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Clone ID: PAT_MRT4530_89141C.1.pep
US-10-437-963-192958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       89.7%;
                                                                                                                                                                                                                                  Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative 1
  NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 195961
LENGTH: 1331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best_Local Similarity 83.3
Matches 5; Conservative
                                                                                  TYPE: PRT
ORGANISM: Oryza sativa
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                                                                                                                                                                                                                                                                                                                                                                                             298 AFFVIK 303
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                                                                                                                                     FEATURE:
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; Sequence 8703, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
; APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52052)8
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; CURRENT RAPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR FILING DATE: 2003-02-28
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 8703
LENGTH: 890
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Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Rovalic, David K.
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE APPLICANT: US/10/437,963
CURRENT FILING DATE: 2003-05-14
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                                                                                                                                                                                                                                                             ; OTHER INFORMATION: HIV complete savine US-10-296-734-405
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: 4D PQ7761/00
PRIOR FILING DATE: 2000-05-26
NUMBER OF SEQ ID NOS: 1507
SOFTWARE: Patentin version 3.2
SEQ ID NO 405
LENGTH: 5747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ), ORGANISM: Ralstonia metallidurans
US-10-369-493-8703
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Best Local Similarity 83.3
Matches 5; Conservative
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1031 AFFILK 1036
                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial
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778 AFFVMK 783
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US-10-369-493-8703
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APPLICANT: La Rosa Thomas J
APPLICANT: About K
APPLICANT: Abou Yibua
APPLICANT: Zou Yibua
APPLICANT: Zou Yibua
APPLICANT: Zon Yongwei
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: 1010/424,599
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-64-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 283039
LENGTH: 201
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITEA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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                     Indels
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US-10-424-599-283039
Pred. No. 4.6e+02;
1; Mismatches 0;
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohleen, Kari
                                                                                                                                                                                                                           Sequence 283039, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-09
  83.3%;
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Yamamoto, Robert
Forsyth, R.
Xu, H.
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Wall, Daniel
Trawick, John
Best Local Similarity 83.3
Matches 5; Conservative
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19 AFFLLK 24
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                                                                     1 AFFVLK 6
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Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Cavalic David K
APPLICANT: Cavalic David K
APPLICANT: Cava Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(51223)B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 162355
LENGTH: 139
                                                                                                                                                                                                                                                                                                                                                                                                                            Squence 160048, Application US/10424599;
Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TILE REFERENCE: 38-21(53223)8
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION NUMBER: US/10/428
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 160048
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                                                                                                                                                                                     Score 26; DB 15; Length 69
Pred. No. 2.4e+02;
1; Mismatches 0; Indels
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; OTHER INFORMATION: Clone ID: PAT_MRT3847_117625C.1.pep
US-10-424-599-162355
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US-10-424-599-160048
                          NAME/KEY: unmure;
COCATION: (1)..(69)
OTHER INFORMATION: unmure at all Xaa locations
FEATURE:
COTHER INFORMATION: Clone ID: PAT_MRT3847_43075C.1.pep
US-10-424-599-222643
                                                                                                                                                                                         89.7%;
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Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                       Query Match
Best Local Similarity 83.3
Matches 5; Conservative
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32 AFFLLK 37
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62 AFFVVK 67
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US-10-424-599-162355
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DB 15; Length 139;

89.7%; Score 26;

Query Match

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CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2003-02-20

PRIOR PILING DATE: 2000-03-21

PRIOR PILING DATE: 2000-03-21

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-09

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-110-23

PRIOR PLING DATE: 2000-12-22

PRIOR PLING DATE: 2000-12-22

PRIOR PLING DATE: 2000-12-22

PRIOR PPLICATION NUMBER: 60/257, 931

PRIOR PLING DATE: 2000-12-22

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PPLICANT: Xu, H. True OF Invention of Essential Genes in Microorganisms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2001-02-29
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-16
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
LENGTH: 428
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangeu
APPLICANT: Andlone, Cheryl
APPLICANT: Malone, Cheryl
APPLICANT: ABelbeck, Robert
APPLICANT: Obleen, Kari
APPLICANT: Obleen, Kari
APPLICANT: Wall, Daniel
APPLICANT: Travick, John
APPLICANT: Travick, John
APPLICANT: Travick, John
APPLICANT: Travick, John
APPLICANT: Fraylck, Scant
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , ORGANISM: Moraxella catarrhalis
US-10-282-122A-63253
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SEQ ID NO 72133
LENGTH: 544
TYPE: PRT
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319 AFYVLK 324
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Sequence 137429, Application US/10437963
; Sequence 137429, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Cao, Yongwei
; APPLICANT: Cao, Yongwei
; APPLICANT: Barbazuk, Brad
; APPLICANT: Barbazuk, Brad
; APPLICANT: Bring
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21 (53221)B
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 137429
; LENGTH: 687
                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF TITLE OF INVENTION: EXPERSION OF MICROBIAL PROPERTIES
FILE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2002-02-28
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
LENGTH: 636
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                                                                 Score 26; DB 15; Length 544;
Pred. No. 1.7e+03;
2; Mismatches 0; Indels
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83.3%; Pred. No. 1.9e+03;
ive 1; Mismatches 0; Indels
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US-10-437-963-137429
                                                                                                                                                                                                                                                                                                                       Sequence 17930, Application US/10369493; Publication No. US20030233675A1; GENERAL INFORMATION:
; ORGANISM: Streptococcus mutans US-10-282-122A-72133
                                                                   89.7%;
                                                                 Query Match
Best Local Similarity 66.7
Matches 4; Conservative
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Best Local Similarity 83.3
Matches 5; Conservative
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GRGANISM: SPHINGOMONAS
US-10-369-493-17930
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183 AFFIMK 188
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RESULT 30
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
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† OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-764-891-3264
                    Gaps
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; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: NUMBER: US/09/764,891
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT APPLICATION OF 2001-01-17
; Prior application data removed - consult PALM or file wrapper; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3364
; LENGTH: 40
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                  Indels
83.3%; Pred. No. 2.1e+03;
ive 1; Mismatches 0;
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JENERAL INFORMATION.

TITLE OF INVENTION: Human DNA Ligase IV
FILE REFERENCE: PI142P1D1

CURRENT PAPLICATION NUMBER: US/10/141,132

CURRENT FILING DATE: 2002-05-09

PRIOR APPLICATION NUMBER: OS/461,562

PRIOR APPLICATION NUMBER: PCT/US94/12922

PRIOR PILING DATE: 1995-06-05

PRIOR PILING DATE: 1995-06-05

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PAPENTIN VERSION 3.1

SEQ ID NO 2

LENGTH: 911
                                                                                                                                                                                             ; Sequence 2, Application US/10141132; Publication No. US20020132331A1; GENERAL INFORMATION:
Best Local Similarity 83.3
Matches 5; Conservative
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576 AFFMLK 581
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129 AYFVLK 134
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Best Local Similarity
Matches 5; Conserv
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Best Local Similarity
Matches 5; Conserv
                                                       1 AFFVLK 6
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ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: SITE
LOCATION: (3)
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US-09-764-891-3264
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US-10-141-132-2
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APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov, Andrey A.
APPLICANT: Brabazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Blants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5321)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 172128
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Patent No. US20020147140A1
GENERAL INFORMATION:
APPLICAMT: ROSen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PCOO5
CURRENT APPLICATION NUMBER: US/09/764,877
CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 4031
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      86.2%; Score 25; DB 16; Length 41; 100.0%; Pred. No. 2.4e+02; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 42;
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US-10-437-963-172128
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66.7%; Pred. No. 2.5e+02;
iive 2; Mismatches 0
                Sequence 172128, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 1207, Application US/10242515; Publication No. US20040009488A1; GENERAL INFORMATION:
                                                                                APPLICANT: La Rosa, Thomas J. APPLICANT: Kovalic, David K. APPLICANT: Zhou, Yihua APPLICANT: Cao, Yongwei APPLICANT: Wu, Wei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100..
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Best Local Similarity 66.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Homo sapiens
US-09-764-877-1207
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15 SFFILK 20
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US-10-437-963-172128
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Sequence 223277, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Cao Vinua
APPLICANT: Cao Vinua
APPLICANT: Cao Vinua
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPREBRICE: 38-21(53233)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
                                                                                                  APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Expurition David K
APPLICANT: Expurition David K
APPLICANT: The Vinua
APPLICANT: The Vinua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: 1010/10123)
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 209666
LENGTH: 51
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; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SEQ ID NO 5193
; SEQ ID NO 5193
; LENGTH: 57
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Pred. No. 3e+02;
0; Mismatches 0; Indels
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US-10-424-599-209666
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                                Sequence 209666, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
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100.0%; Pre/
0; N
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Best Local Similarity 100.
Matches 5; Conservative
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US-09-764-891-5193
                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 5; Conserv
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US-10-424-599-223207
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Publication No. US2004003107241
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Plante and Uses Thereof for Plant Improvement
FILE OF INVENTION: Plante and Uses Thereof for Plant Improvement
FILE REPERENCE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 260161
LENGTH: 44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 4031
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1207,
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Pred. No. 2.5e+02;
2; Mismatches 0; Indels
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OTHER INFORMATION: Clone ID: PAT_MRT3847_7694C.1.pep
US-10-424-599-260161
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Pred. No. 2.6e+02;
2; Mismatches 0
CURRENT APPLICATION NUMBER: US/10/242,515
PRIOR APPLICATION NUMBER: US/10/242,515
PRIOR FILING DATE: 2002-09-13
PRIOR FILING DATE: 2001-01-17
PRIOR PILING DATE: 2000-01-31
PRIOR FILING DATE: 2000-01-31
PRIOR FILING DATE: 2000-02-04
PRIOR PILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: 60/119,686
PRIOR APPLICATION NUMBER: 60/214,886
PRIOR APPLICATION NUMBER: 60/217,487
PRIOR PILING DATE: 2000-06-28
PRIOR PILING DATE: 2000-07-11
PRIOR PILING DATE: 2000-07-11
PRIOR PILING DATE: 2000-07-14
PRIOR FILING DATE: 2000-07-16
PRIOR PILING DATE: 2000-07-16
PRIOR PILING DATE: 2000-07-17
PRIOR PILING DATE: 2000-07-17
PRIOR PILING DATE: 2000-07-17
PRIOR PILING DATE: 2000-07-11
PRIOR PILING DATE: 2000-07-14
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Best Local Similarity 66.7%;
Matches 4; Conservative
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Best Local Similarity 66.7
Matches 4; .Conservative
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US-10-242-515-1207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Glycine max
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22 SFFILK 27
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15 SFFILK 20
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US-10-424-599-260161
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RESULT 32

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Sequence 53355, Application US/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:

APPLICANT: Edu, Jingdong

APPLICANT: Screen, Steven E

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Cao, Yongwei

ITILE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

ITILE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(5313) B

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 53355

LENGTH: 58
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Fublication No. US200400348881
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Acven E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILLE REPERENCE: 38-21(5313) 8
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
LENGTH: 58
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                                                                                                                                                                                                                     Length 57;
                                                                                                                                                                                                              Query Match 86.2%; Score 25; DB 15; Length 57 Best Local Similarity 100.0%; Pred. No. 3.3e+02; Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                           ; OTHER INFORMATION: Clone ID: PAT_MRT3847_43587C.1.pep
US-10-424-599-2233207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Clone ID: 700558803 FLI.pep
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 223207
LENGTH: 57
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ORGANISM: Glycine max
                                                                       TYPE: PRT
ORGANISM: Glycine max
FEATURE:
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US-10-425-114-53434
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Sequence 148568, Application US/10437963
; Sequence 148568, Application US/10437963
; Publication No. US20040123343A1
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Zhou, Yihua
; APPLICANT: APPLICANT: Boukharov, Andrey A.
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Li, Ping
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REPERENCE: 38-21(53221)8
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 148568
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APPLICANT: La Royalic, David K.
APPLICANT: Rovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Gao, Yongwei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov, Andrey A.
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT APPLICATION NUMBER: US/10/437,963
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 156769
LENGTH: 69
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                                                                                   Query Match 86.2%; Score 25; DB 15; Length 58; Best Local Similarity 100.0%; Pred. No. 3.4e+02; Matches 5; Conservative 0; Mismatches 0; Indels
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US-10-437-963-148568
; OTHER INFORMATION: Clone ID: 700557013_FLI.pep
US-10-425-114-53434
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ORGANISM: Oryza sativa
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ORGANISM: Oryza sativa
FEATURE:
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US-10-424-599-206603

US-10-424-599-206603

Sequence 206603, Application US/10424599

PUBLICANT NO. US20040031072A1

GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J

APPLICANT: Zhou Yihua

APPLICANT: Cao Yongwai

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Blants and Uses Thereof for Plant Improvement

TITLE OF INVENTION Soy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Blants and Uses Thereof for Plant Improvement

TITLE SEPERNCE: 38-21(53223)B

CURRENT APPLICATION NUMBER: US/10/424,599

CURRENT FILING DATE: 2003-04-28

SEQ ID NO 206603

LENGTH: 76
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Sequence 25642
Sequence 256442
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86.2%; Score 25; DB 15; Length 77;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 4.3e+02;
ative 0; Mismatches 0; Indels
     Indels
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US-10-424-599-206603
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US-10-424-599-256442
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     2; Mismatches
  4; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Glycine max
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39 SFFILK 44
                                               1 AFFVLK 6
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US-10-424-599-261939
     Matches
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; Sequence 118382, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Cao, Vinua
; APPLICANT: Cao, Yongwei
; APPLICANT: Buckharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 118382
                                                                                                                                                                                                                                                                                                         US-10-424-599-195770

Sequence 195770, Application US/10424599

Publication No. US20040031072A1

SEQUENCE 195770, Application US/10424599

Publication No. US20040031072A1

SEQUENCE INFORMATION:

APPLICANT: La Rosa Thomas J

APPLICANT: Zhou Yihua

APPLICANT: Zhou Yihua

TITLE OF INVENTION: Plants and Uses Thereof for Plant. Improvement

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant. Improvement

FILE REFERENCE: 38-21(53223)B

CURRENT APPLICATION NUMBER: US/10/424,599

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 285684

SEQ ID NO 195770
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86.2%; Score 25; DB 15; Length 70;

Best Local Similarity 100.0%; Pred. No. 4e+02;

Matches 5; Conservative 0; Mismatches 0; Indels
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                                                                         Length 69;
                                                                      Query Match 86.2%; Score 25; DB 16; Length 69
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
; OTHER INFORMATION: Clone ID: PAT_MRT4530_56405C.1.pep
US-10-437-963-156769
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_18806C.1.pep
US-10-424-599-195770
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Glycine max
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Best Local Similarity
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59 FFVLK 63
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US-10-437-963-118382
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APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Shou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(3323)8
CURRENT FILING DATE: 2003-04-28
CURRENT FILING DATE: 2003-04-28
SEQ ID NOS: 285684
SEQ ID NO 195834
  TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REPERENCE: 38-21 (53313) B CURRENT APPLICATION NUMBER: US/10/425,114 CURRENT FILING DATE: 2003-04-28 CURRENT FILING DATE: 2003-04-28 SEQ ID NOS: 73128 SEQ ID NO 39918
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; Bequence 3814, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REPRENCE: PA133P1
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR PELING DATE: 2001-06-07
; PRIOR PELING DATE: 2001-06-07
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: Patentin Ver. 3.1
; SEQ ID NO 3814
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                                                                                                                                                                                                                                                                                   86.2%; Score 25; DB 15; Length 83; 100.0%; Pred. No. 4.7e+02;
                                                                                                                                                                                                                          ), OTHER INFORMATION: Clone ID: 700889918_FLI.pep
US-10-425-114-39918
                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 195834, Application US/10424599; Publication No. US20040031072A1
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Best Local Similarity luv...
Si Conservative
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Best Local Similarity 66...
-Lag 4; Conservative
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CORGANISM: Homo sapiens
US-10-264-049-3814
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ORGANISM: Glycine max
                                                                                                                                                                     TYPE: PRT ORGANISM: Glycine max
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Sequence 1756.20, Application US/10424599
Sublication No. US20040031072Ai
Sublication No. US20040031072Ai
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Con Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-1(53223) Bs/10/424,599
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 175620
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                                                                                                                                                                                                                                                                                                                                                                                                                            Length 81;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Clone ID: PAT_MRT3847_129602C.1.pep. US-10-424-599-175620
                                                                                                                                                                                                                                                                                                                                                ; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_78553C.1.pep
US-10-424-599-261939
                                                                                                                                                                                                                                                                                                                                                                                                                         Score 25; DB 15;
Pred. No. 4.6e+02;
2; Mismatches 0
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Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 66.7%;
Matches 4; Conservative
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Kovalic, David K.
Screen, Steven E
Tabaska, Jack E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Glycine max
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41 SFFILK 46
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Best Local Similarity 66.7
Matches 4; Conservative
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48 SFFILK 53
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US-10-424-599-264247
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US-10-424-599-258607

Sequence 258607

Sequence 258607

Septeman No. US20040031072A1

GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J

APPLICANT: APPLICANT: A Royalic David K

APPLICANT: Cao Yongwei

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(33223)B

CURRENT APPLICATION NUMBER: US/10/424,599

CURRENT PILING DATE: 2003-04-28

SEQ ID NO 258607

LENGTH: 98

LENGTH: 98
                                                                                                                                                                                                                                                                           US-10-424-599-234710

Sequence 234710, Application US/10424599

Sequence 234710, Application US/10424599

Publication No. US20040031072A1

GENERAL INFORMATION

APPLICANT: La Rosa Thomas J

APPLICANT: Zhou Yihua

APPLICANT: Cao Yongwei

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REPERENCE: 38-21(53223)B

CURRENT APPLICANTON NUMBER: US/10/424,599

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 285684

SEQ ID NO 234710
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                                                                             Query Match

86.2%; Score 25; DB 15; Length 93;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels
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; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_18864C.1.pep
US-10-424-599-195834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Clone ID: PAT_MRT3847_53971C.1.pep
US-10-424-599-234710
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CTHER INFORMATION: Clone ID: PAT_MRT3847_75547C.1.pep US-10-424-599-258607
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; Pred. No. 5.3e+02;
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NAME/KEY: unsure
LOCATION: (1)..(98)
OTHER INFORMATION: unsure at all Xaa locations
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Glycine max
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7 FFVLK 11
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March 9, 2005, 06:27:44; Search time 49.3151 Seconds (without alignments) 40.034 Million cell updates/sec GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. OM protein - protein search, using sw model Run on:

US-10-009-122-3 29

1 KLVFFA 6 Perfect score: Sequence: BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

1391452 seqs, 329044822 residues Searched:

1391452 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 65 summaries

Database :

Published Applications AA:*

| cgn2 6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
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| cgn2 6/ptodata/1/pubpaa/USO9_NEW_PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/USIOD_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

					COLUMNICO	
Result		Ouery	* Ouerv			
No.	Score		Length	03	ID	Description
-	29	100.0	9	6	US-09-867-847-7	Sequence 7, Appli
~	29	100.0	9	σ	US-09-867-847-20	Sequence 20, Appl
ო	29	100.0	9	σ	US-09-972-475-9	Sequence 9, Appli
4	29	100.0	9	δ	US-09-915-092-10	Sequence 10, Appl
S	29	100.0	9	0	US-09-915-092-28	Sequence 28, Appl
9	29	100.0	9	σ	US-09-956-625-25	Sequence 25, Appl
7	29	100.0	9	2	US-09-747-408-3	Sequence 3, Appli
80	29	100.0	φ	9	US-09-747-408-11	Sequence 11, Appl
σ	29	100.0	9	15	US-10-463-729-9	Sequence 9, Appli
10	29	100.0	7	σ	US-09-867-847-12	Sequence 12, Appl
11	29	100.0	7	σ	US-09-867-847-27	Sequence 27, Appl
12	29	100.0	7	δ	US-09-867-847-28	Sequence 28, Appl
13	29	100.0	7	6	US-09-972-475-7	Segmence 7. Appli

2, A	equence 17,	equence 18,	e S	equence 18,	equence 19,	Sequence 7,	e 44,	equence 5, A	e 1,	equence 5,	equence 42,	Sequence 44,	ď,	equence 2,	20,	Sequence 64, Appl	m m	eguence 25	equence 28	e 57	Sequence 15	e 29,	equence 19,	e 20	equence 21,	e 22	e 23,	Sequence 24,	9, Ar	equence 25, P	equence 14,	e 33,		Sequence 13	quence 8,	,	equence	Sequence 5.	equence 14,	6	26	57		, 60,	61,	9	e 65,	Sequence 1	equence 3, Appl	
-09-915-092-	S-09-915-092-1,	US-09-915-092-1	-09-747-408-2	US-09-747-408-	US-09-747-408-1	US-10-463-729-	39-850-061A	-09-972-475-	US-10-235-48	US-10-463-729-5	-10-281-092-	US-10-721-774	867-84	US-09-899-815-2	US-09-747-408-20	US-10-235-483	US-10-619-454-3	US-10-619-454-2	-619-454-	US-10-619-454-5	US-10-619-454-	S-09-867-847-2	US-09-915-092-19	US-10-823-463-2	US-10-823-463	US-10-823-463-2	US-10-823-463-2	-823-463-	988-842-9	US-09-988-842-2	US-10-235-483-1	US-10-050-200-3	US-10-237-673	-464-117-1	US-U9-867-847-	10-428 10-428	966-266-	10-385-065	US-09-972-475	9-996-357	10-235-483-5	10-235-483-5	10-235-483-5	10-235-483-6	10-235-483-6	US-10-235-483-6	-10-235-483	US-10-463-729-1	09-992-80	-09-992-994-
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29																																															53			
14	15	16																							39			42	43	44	4. R	46	47														62			

ALIGNMENTS

Patent No. US20020094335A1
GENERAL INFORMATION:
APPLICANT: Chalifour, Robert
APPLICANT: Hebert, Lise
APPLICANT: Hebert, Lise
APPLICANT: Gervals, Francine
TITLE OF INVENTION: AND ANYLOID RELATED DISEASES
TITLE OF INVENTION: US/09/867,847
CURRENT APPLICATION NUMBER: US/09/867,847
CURRENT PILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-29 US-09-867-847-7

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APPLICANT: Hebert, Lise
APPLICANT: Kong, Xianqi
APPLICANT: Kong, Xianqi
APPLICANT: Gervais, Francine
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
FILE REFERENCE: 14445-501 CIP
CURRENT APPLICATION NUMBER: US/09/867,847
CURRENT FILING DATE: 1999-11-29
PRIOR PILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-28
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver: 2.1
SSQ ID NO 20
TENNATION OF SEQ ID NOS: 65
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                                                                                                                                                                                                       ) OTHER INFORMATION: Description of Artificial Sequence: All D peptides ; OTHER INFORMATION: or peptidomimetics US-09-867-847-7
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LOCATION: (6)
LOCATION: (6)
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Patent No. US20020098173A1
GENERAL INFORMATION:
APPLICANT: Finde: Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 29; DB 9; Length 6; 100.0%; Pred. No. 1.38+06;
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100.0%; Score 29; DB 9; I
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 6; Conservative 0; Mismatches 0;
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PRIOR APPLICATION NUMBER: 09/724,842
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
ELENGTH: 6
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 20, Application US/09867847
Patent No. US20020094335A1
                                                                                                                                                               ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , OTHER INFORMATION: AMIDATION US-09-867-847-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Chalifour, Robert
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Best Local Similarity 100.
Matches 6; Conservative
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US-09-972-475-9
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Gaps
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                        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/972,475

FILING DATE: 04-Oct-2001

PRIOR APPLICATION NUMBER: 08/617,267

FILING DATE: <UNKNOWN:

APPLICATION NUMBER: USSN 08/478,579

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: DECONT: Giulio A.

REGISTRATION NUMBER: 31,503

REGISTRATION NUMBER: 31,503

REGISTRATION NUMBER: 31,503

TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 6;
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100.0%; Pred. No. 1.3e+06;
ttive 0; Mismatches 0;
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100.0%; Score 29; DB 9; 1
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10, Application US/09915092 Publication No. US20020115717A1
                                                                                                                                                                                                                                                                                                                                                                                                                               INFORWATION FOR SEQ ID NO: 9:
SEQUENCE CHRACTERISTICS:
LENGTH: 6 amino acid
TYPE: amino acid
STATE: Massachusetts
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Best Local Similarity 100.
Matches 6; Conservative
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ORGANISM: Homo sapiens
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SEQ.ID-NO-3
(LENGTH: 6)
(TYPE: BPT
(OKGANISM: Homo sapiens
US-09-747-408-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
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TITLE OF INVENTION: Inhibitors of IAPP Fibril Formation and Uses Thereof
FILE REPERENCE: 14445-503
CURRENT APPLICATION NUMBER: US/09/956,625
CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/233,482
PRIOR APPLICATION NUMBER: 60/233,482
PRIOR PILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PALENTIN Ver. 2.1
SEQ ID NO 25
LENGTH: 6
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APPLICANT: Chalifour, Robert
APPLICANT: Migneault, Davide
TITLE OF INVENTION: AMYLOID TARGETING IMAGING AGENTS AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: NBI-139
CURRENT APPLICATION NUMBER: US/09/915,092
CURRENT FILING DATE: 2001-07-24
PRIOR PILIATION NUMBER: 60/220,808
PRIOR FILIATION NUMBER: 60/220,808
PRIOR FILIATION NUMBER: 2000-07-25
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 29; DB 9; Length 6; 100.0%; Pred. No. 1.3e+06; Live 0; Mismatches 0; Indels
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                                                                                                                                      Sequence 28, Application US/09915092
Publication No. US20020115717A1
GRNERAL INFORMATION:
APPLICANT: Gervais, Francine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 25, Application US/09956625
Patent No. US20020119926A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: VARIANT
LOCATION: (1)...(6)
COTHER INFORMATION: D-amino acids
US-09-915-092-28
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Best Local Similarity 100
Matches 6; Conservative
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Matches 6; Conserv
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1 KLVFFA 6
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US-09-915-092-28
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; Sequence 11, Application US/09747408
; Publication No. US20030003141A1
; GENERAL HYPERMATION:
; APPLICANT: Geren, Allan M.
; APPLICANT: Gervais, Francine
; TITLE OF INVENTION: Compounds And Methods For Modulating
; TITLE OF INVENTION: Cerebral Amyloid Angiopathy
; FILE REFERENCE: NBI-088
; CURRENT APPLICATION NUMBER: US/09/747,408
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/171,877
; PRIOR FILING DATE: 1999-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 6;
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Sequence 3, Application US/09747408
| Publication No. US20030003141A1
| GENERAL INFORMATION:
| APPLICANT Green, Allan M.
| APPLICANT Gervais, Francine
| TITLE OF INVENTION: Compounds And Methods For Modulating
| TITLE OF INVENTION: Cerebral Amyloid Anglopathy
| FILE REFERENCE: NBL-088
| CURRENT APPLICATION NUMBER: US/09/747,408
| CURRENT FILING DATE: 2000-12-22
| PRIOR APPLICATION NUMBER: 60/171,877
| PRIOR PILING DATE: 1999-12-23
| NUMBER OF SEQ ID NOS: 24
| NUMBER OF SEQ ID NOS: 24
| SOTTWARE: FRASESQ for Windows Version 4.0
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Publication No. US20040005307A1
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Modulators of Amyloid Aggregation NUMBER OF SEQUENCES: 45
CORRESPONDENCES: ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 29; DB 10; 100.0%; Pred. No. 1.3e+06;
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100.0%; Pred. No. 1.3e+06;
iive 0; Mismatches 0;
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Best Local Similarity 100...
6; Conservative
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Gaps ;

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patent No. US2002094335A1

Patent No. US2002094335A1

GENERAL INFORMATION:

APPLICANT: Chalifour, Robert

APPLICANT: Hebert, Lise

APPLICANT: Gerais, Francine

APPLICANT: Gerais, Francine

APPLICANT: Gerais, Francine

TITLE OF INVENTION: AND AMYLOID RELATED DISEASES

TITLE OF INVENTION: AND AMYLOID RELATED DISEASES

FILE REFERENCE: 14445-501 CIP

CURRENT APPLICATION NUMBER: 105/09/867,847

CURRENT FILING DATE: 2001-09-20

PRIOR PILING DATE: 1999-11-29

PRIOR FILING DATE: 2000-11-28

PRIOR FILING DATE: 2000-11-28

SOFTWARE: PATENTING OF SEQ ID NOS: 65

SOFTWA
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Sequence 28, Application US/09867847

Sequence 28, Application US/09867847

Sequence 28, Application US/09867847

GENERAL INFORMATION:

APPLICANT: Chalifour, Robert

APPLICANT: Hebert, Lise

APPLICANT: Gervais, Francine

TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S

TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S

FILE REFERENCE: 14445-501 CIP

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: 60/168,594

PRIOR APPLICATION NUMBER: 60/168,594

PRIOR APPLICATION NUMBER: 09/724,842

PRIOR PILING DATE: 2000-11-28

NUMBER OF SEQ ID NOS: 65

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 28
                              ) OTHER INFORMATION: Description of Artificial Sequence: All D peptides ; OTHER INFORMATION: or peptidomimetics US-09-867-847-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ; OTHER INFORMATION: or peptidomimetics US-09-867-847-27
                                                                                                                                                                                 Query Match 100.0%; Score 29; DB 9; Length 7; Best Local Similarity 100.0%; Pred. No. 1.3e+06; Matches 6; Conservative 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                       1 KLVFFA 6
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   FEATURE:
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Sequence 12, Application US/09867847

Patent No. US20020094335A1

GENERAL INFORMATION:
APPLICANT: Chalifour, Robert
APPLICANT: Hebert, Lise
APPLICANT: Gervais, Yiancine
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
TITLE OF INVENTION: ADD AMYLOID RELATED DISEASES
FILE REPERENCE: 14445-501 CIP
CURRENT APPLICATION NUMBER: US/09/867,847

CURRENT APPLICATION NUMBER: 60/168,594

PRIOR APPLICATION NUMBER: 09/124,842

PRIOR APPLICATION NUMBER: 09/724,842

PRIOR APPLICATION NUMBER: 09/724,842

PRIOR FILING DATE: 2000-11-28

NUMBER OF SEQ ID NOS: 65

SEQ ID NO 12

LENGTH: 7

LENGTH: 7
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                                                                                                               CUNTRY: USA

CUNTRY: USA

CUNTRY: USA

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: THE PC-DOS/MS-DOS
SOFTWARE: PATCHIL RELEASE #1.0, Version #1.25
CUNERAIT AFPLICATION DATA:
APPLICATION NUMBER: US/10/463,729
FILING DATE: 17-JUNE-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/88/617,267C
FILING DATE: 14-MAR-1996
PRIOR APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGERT INFORMATION:
REPERBENCE/DOCKET NUMBER: BPI-002CP2
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 9:
SEQUENCE CHRARACTERISTICS:
1.FNGTH: Amino acids
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ORGANISM: Artificial Sequence
28 State Street
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Best Local Similarity 100.
Matches 6; Conservative
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                                                                         Massachusetts
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TOPOLOGY: linear
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US-09-867-847-12
                                                                                                           COUNTRY:
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Gaps

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APPLICANT: Kong, Xianqi
APPLICANT: Chalifour, Robert
APPLICANT: Chalifour, Robert
APPLICANT: Migneault, David
TITLE OF INVENTION: WESS THEREOF
FILE REFERENCE: NBI-139
CURRENT APPLICATION NUMBER: US/09/915,092
CURRENT PILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: 60/220,808
PRIOR FILING DATE: 2000-07-25
NUMBER OF SEQ ID NOS: 28
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FASESEQ FOR Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 17, Application US/09915092
Publication No. US20020115717A1
Publication No. US20020115717A1
GENERAL INFORMATION:
APPLICANT: Gervais, Francine
APPLICANT: Chalifour, Robert
APPLICANT: Migneault, David
TILLE OF INVENTION: AMYLOID TARGETING IMAGING AGENTS AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: NBI-139
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100.0%; Pred. No. 1.3e+06;
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CURRENT FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: 60/220,808
PRIOR FILING DATE: 2000-07-25
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 29; 100.0%; Pred. No.
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Publication No. US20020115717A1
GENERAL INFORMATION:
                                                                   Sequence 2, Application US/09915092
Publication No. US20020115717A1
GENERAL INFORMATION:
APPLICANT: Gervais, Francine
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ORGANISM: Homo sapiens
US-09-915-092-2
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; ORGANISM: Homo sapiens
US-09-915-092-17
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Best Local Similarity
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Best Local Similarity
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                                                US-09-915-092-2
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TYPE: PRT
ORGANISM: Artificial Sequence
PETURE:
OTHER INFORMATION: Description of Artificial Sequence: All D peptides
OTHER INFORMATION: or peptidomimetics
NAME/REY: MOD RES
LOCATION: (7)
COTHER INFORMATION: AMIDATION
US-09-867-847-28
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MEDIUM TYPE: Floppy disk
COMPUTER: IN PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRITY APPLICATION DATE: 04-Oct-2001
PRIOR APPLICATION DATE: 04-Oct-2001
PRIOR APPLICATION NUMBER: US/09/972,475
FILING DATE: CUNKNOWN>
APPLICATION NUMBER: 08/617,267
FILING DATE: 07-UNKNOWN>
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UNKNOWN>
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UNKNOWN>
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 27-OCT-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICAVE: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                              Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 7;
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Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                         Query Match
100.0%; Score 29; DB 9; L
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             . TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/09972475
Patent No. US20020098173A1
GENERAL INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                   1 KLVFFA 6
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Length 7;

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Length 7; Indels

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Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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CORGANISM: Homo sapiens
US-09-747-408-19
                                                                                    TYPE: PRT CORGANISM: Homo sapiens US-09-747-408-18
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                                                                                                                                                                                                                                                                                              1 KLVFFA
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US-09-747-408-19
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US-10-463-729-7
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| Publication No. US20030003141A1 |
| GENERAL INFORMATION: |
| APPLICANT: Green, Allan M. |
| APPLICANT: Gervais, Francine |
| TITLE OF INVENTION: Compounds And Methods For Modulating |
| TITLE OF INVENTION: Cerebral Amyloid Angiopathy |
| FILE REFERENCE: NBI-088 |
| CURRENT APPLICATION NUMBER: US/09/747,408 |
| CURRENT FILING DATE: 2000-12-22 |
| PRIOR FILING DATE: 1999-12-23 |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/09747408
| Sequence 2, Application US/09747408
| Publication No. US2030003141A1
| GENERAL INFORMATION:
| APPLICANT: Green, Allan M.
| APPLICANT: Gervais, Francine
| TITLE OF INVENTION: Cerebral Amyloid Angiopathy
| TITLE OF INVENTION: Cerebral Amyloid Angiopathy
| TITLE OF INVENTION: Cerebral Amyloid Angiopathy
| FILE REFERENCE: NBI-088
| CURRENT APPLICATION NUMBER: US/09/747,408
| CURRENT FILING DATE: 2000-12-22
| FRIOR APPLICATION NUMBER: 60/171,877
| PRIOR FILING DATE: 1000-12-23
| NUMBER OF SEQ ID NOS: 24
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 2
| SEQ ID NO 2
                  APPLICANT: Kong, Xianqi
APPLICANT: Chalifour, Robert
APPLICANT: Chalifour, Robert
APPLICANT: Migneault, David
TITLE OF INVENTION: AMYLOID TARGETING IMAGING AGENTS AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: NBI-139
CURRENT APPLICATION NUMBER: US/09/915,092
CURRENT FILING DATE: 2001-07-24
PRIOR PILING DATE: 2000-07-25
NUMBER OF SEQ ID NOS: 28
SEQ ID NOS: 28
SEQ ID NOS: 28
LENGTH: 7
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                                                                                                                                                                                                                                                                                                                                                                                                                       Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.0%; Score 29; DB 9; Length 7; Best Local Similarity 100.0%; Pred. No. 1.3e+06; Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
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APPLICANT: Gervais, Francine
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Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
US-09-915-092-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
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US-09-747-408-18
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; bublication No. US20030003141A1
; bublication No. US20030003141A1
; GENERAL INFORMATION:
; APPLICANT: Geren, Allan M.
; APPLICANT: Geren, Allan M.
; TITLE OF INVENTION: Compounds And Methods For Modulating; TITLE OP INVENTION: Cerebral Amyloid Angiopathy
; TITLE OP INVENTION: Compounds And Methods For Modulating; TITLE REFERENCE: NB1-088
; CURRENT APPLICATION NUMBER: US/09/747,408
; CURRENT FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: 60/171,877
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 24
; SEQ ID NO 19
                                                                                                                                                                                                                          Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 7;
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Sequence 7, Application US/10463729

Publication No. US20040005307A1

GENERAL INFORMATION:

TITLE OF INVENTION: Modulators of Amyloid Aggregation

SORRESPONDENCE 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: Boston

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

IP 21P: PLOPPY disk

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER PRADABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/463,729
FILING DATE: 11-JUNE-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/617,267C
                                                                                                                                                                                                                                100.0%; Score 29; DB 10; 100.0%; Pred. No. 1.3e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 29; DB 10; 100.0%; Pred. No. 1.3e+06;
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                                                                                                                                                                                                                                                                                        0; Mismatches
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18
LENGTH: 7
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Best Local Similarity 100.
Matches 6; Conservative
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Sequence 44, Application US/09850061A

Batent No. US20020094957A1

GENERAL INFORMATION:

APPLICANT: NORDSTEDT, Christer

APPLICANT: NASLUND, Jan

APPLICANT: THYBERG, Johan

APPLICANT: TERRNEG, Lars O.

APPLICANT: TERRNEG, Lars O.

APPLICANT: TERRNEG, Lars O.

APPLICANT: TERRNEG, Lars O.

CURRENT TELING DATE: 033315-002

CURRENT APPLICATION NUMBER: US/09/850,061A

CURRENT APPLICATION NUMBER: US 09/095,106

PRIOR APPLICATION NUMBER: E95046-10

PRIOR PELING DATE: 1998-06-10

PRIOR FILING DATE: 1998-12-29

PRIOR FILING DATE: 1995-12-29

NUMBER OF SEQ ID NOS: 44

SOFTWARE: PALENTIN VOIN OF: 2.0

SOFTWARE: PALENTIN VOIN OF: 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 29; DB 15; 100.0%; Pred. No. 1.3e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
FILING DATE: 14-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 14-MAR-1995
FRIGH APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY AGENT INFORMATION:
NAME: DECORT, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: 31,503
TELECOMMUNICATION NUMBER: 31,503
TELECOMMUNICATION NUMBER: 31,503
TELECOMMUNICATION NUMBER: 31,503
TELECOMMUNICATION PROPAGING:
TELEPHONE: (6.17)227-7400
TELEPHONE: (6.17)227-7400
SEQUENCE CHARACTERISTICS:
LENGTH: A minimal ocide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , MOLECULE TYPE: peptide US-10-463-729-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Amyloidosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 KLVFFA 6
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COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASE ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIFDEPOSITS
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RESULT 22
US-09-972-475-5
; Sequence 5, Application US/09972475
; Patent No. US20020098173A1
; GENERAL INFORMATION:
; TITLE OF INVENTION: Modulators of Amyloid Aggregation
; TURE OF SEQUENCES:
; CORRESPONDENCE ADDRESS:
; ADDRESSE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                             CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/972,475
FILING DATE: 04-Oct-2001
PRIOR APPLICATION NUMBER: 08/617,267
FILING DATE: CURNOWN>
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: O7-UNN-1995
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 27-OCT-1995
ATTORNY/AGRNT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 29; DB 9; Length 8; 100.0%; Pred. No. 1.3e+06;
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CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FRANGIONE, Blas
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: PPI-002CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Prec. ...
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HOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-972-475-5
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US-10-235-483-1
; Sequence 1, Application US/10235483
; Publication No. US20030087407A1
; GENERAL INFORMATION:
; APPLICANT: SOTO-JARA, Claudio
; APPLICANT: BAUMANN, MARC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6; Conservative
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Best Local Similarity
Matches 6, Conserv
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Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 59
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Koelsch, Gerald E.
APPLICANT: Koelsch, Gerald E.
APPLICANT: Loy, Jeffrey A.
APPLICANT: Loy, Jeffrey A.
APPLICANT: Loy, Jeffrey A.
APPLICANT: Loy, Turner, Robert T., III
APPLICANT: Devasumadrum, Thippeswamy
TITLE OF INVENTION: COMPOUNDS WHICH INHIBIT BETA-SECRETASE
TITLE OF INVENTION: ACTIVITY AND METHODS OF USE THEREOF
FILE REFERENCE: 2932.1001-023
CURRENT PILING DATE: 2002-10-23
PRIOR FILING DATE: 2001-12-28
PRIOR FILING DATE: 2001-12-38
PRIOR FILING DATE: 2001-12-38
PRIOR FILING DATE: 2001-12-38
PRIOR FILING DATE: 2001-14-4
PRIOR PRILING DATE: 2001-14-4
PRIOR FILING DATE: 2001-11-27
PRIOR FILING DATE: 2001-11-27
PRIOR FILING DATE: 2001-11-4
PRIOR FILING DATE: 2001-11-4
PRIOR FILING DATE: 2001-11-4
PRIOR FILING DATE: 2001-11-4
PRIOR FILING DATE: 2001-01-14
PRIOR FILING DATE: 2002-01-14
PRIOR PRILING DATE: 2002-01-14
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Pred. No. 1.3e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UNN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-CCT-1995
ATTORNEY, AGENT INPORMATION:
NAME: DECORIE, GIULIO A.
REGISTRATION NUMBER: 31,503
REPERENCE/DOCKET NUMBER: 91,503
REPERENCE/DOCKET NUMBER: PPI-002CP2
TELECHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 29; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 42, Application US/10281092; Publication No. US20040121947A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ghosh, Arun K.
APPLICANT: Tang, Jordan J.N.
APPLICANT: Bileer, Geoffrey
APPLICANT: Chang, Wanpin
APPLICANT: Hong, Lin
                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-463-729-5
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                                                       COMPUTER READABLE FORM:

WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
COFFWARE: PAtentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION NUMBER: US/08/766,596
FILING DATE: CURNOWN-
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
FILING DATE: 10-APR-1996
FILING DATE: 06-JUN-1995
ATTORNEY AGENT INFORMATION:
NAME: NINE ALL OF APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-463-729-5;
Squence 5, Application US/10463729
Publication No. US20040005307A1
GENERAL INFORMATION:
GENERAL INFORMATION:
MUMBER OF ENQUENCES:
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF ENQUENCES:
ADDRESSE: AAHIVE & COCKFIELD, LLP
CORRESPONDENCE ADDRESS:
ADDRESSE: AAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STREET: 28 State Street
COUNTRY: USA
ZIP: QOUNTRY: USA
ZIP: O2109-1875
COMPUTER: IPAPC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/463,729
FILING DATE: 17-UNR-2003
PRIOR APPLICATION NUMBER: US/08/617,267C
FILING DATE: 14-MAR-1996
PRIOR APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 8;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: YUN, Allen C.
REGISTRATION NUMBER: 37, 971
REFERENCE/DOCKET NUMBER: SCTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHONE: 202-737-3528
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLGOY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: I:
US-10-235-483-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
      ZIP: 20004
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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Gaps

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Length 8; Indels

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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                             Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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NUMBER OF SEQ ID NOS: 65
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                   1 KLVFFA 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-899-815-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 2
LENGTH: 9
                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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Sequence 9, Application US/09867847

Patent No. US20020094335A1

GENERAL INFORMATION:

APPLICANT: Chalifour, Robert

APPLICANT: Hebert, Lise

APPLICANT: Gervais, Francine

APPLICANT: Gervais, Francine

TITLE OF INVENTION: AND AMYLOID RELATED DISEASES

FILE REPERBRUE: 14445-501 CPP

CURRENT PILING DATE: 2001-09-20

FRIOR APPLICATION NUMBER: 60/168,594

PRIOR FILING DATE: 1999-11-29

PRIOR PILING DATE: 2000-11-28

FRIOR APPLICATION NUMBER: 09/724,842
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APPLICANT: NORDSTEDT.
APPLICANT: NORDSTEDT.
APPLICANT: THYRERG, Johan
APPLICANT: THYRERG, Johan
APPLICANT: THYRERG, Lars O.
APPLICANT: TERRNUGS, Lars O.
APPLICANT: TOWNENTION: PRETIDE BINDING THE KLVFF-SEQUENCE OF AMYLOID-BETA FILLS OF PRICATION NUMBER: US/10/721,774
CURRENT FILLNG DATE: 2003-11-26
PRIOR PILLNG DATE: 1998-06-10
PRIOR PILLNG DATE: 1996-12-09
PRIOR PILLNG DATE: 1995-12-12
PRIOR PILLNG DATE: 1995-12-12
PRIOR PILLNG DATE: 1995-12-12
PRIOR PILLNG DATE: 1995-12-29
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PATENTIN VET: 2.0
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                                                                                                                                              Length 8;
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                                                                                                                                          Query Match
100.0%; Score 29; DB 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                      US-10-721-774-44
; Sequence 44. Application US/10721774
; Publication No. US20040157781A1
; GENERAL INFORMATION:
             ; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; CTHER INFORMATION: peptide
US-10-281-092-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 6; Conservative
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; ORGANISM: Amyloidosis
US-10-721-774-44
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1 KLVFFA 6
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1 KLVFFA 6
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PREENT NO. USZOGOZO162129A1

GENERAL INFORMATION:
TILLS OF INVENTION: PREVENTION AND TREATMENT OF ALZHEIMER'S DISEASE

TILLE OF INVENTION: PREVENTION AND TREATMENT OF ALZHEIMER'S DISEASE

FILE REFERENCE: LANNFELT=1A

CURRENT APPLICATION NUMBER: US/09/899, 815

CURRENT FILING DATE: 2001-07-09

PRIOR PILING DATE: 2000-07-10

PRIOR PILING DATE: 2000-07-10

PRIOR PILING DATE: 2000-07-07

NUMBER OF SEQ ID NOS: 4

SOFTWARE: Patentin version 3.1
                                                                                                                                                                             Gaps
) OTHER INFORMATION: Description of Artificial Sequence: All D peptides ; OTHER INFORMATION: or peptidomimetics US-09-867-847-9
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US-09-899-815-2
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Sequence 20, Application US/09747408

Publication No. US20030003141A1

APPLICANT: Green, Allan M.

APPLICANT: Green, Allan M.

TITLE OF INVENTION: Cerebral Amyloid Angiopathy
FILE REPERENCE: US 2000-12-22

PRIOR APPLICATION NUMBER: US/09/747,408

CURRENT APPLICATION NUMBER: 60/11,877

PRIOR FILING DATE: 1999-12-23

NUMBER OF SEQ ID NOS: 24

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 20

LEMGTH: 9
                                                                                                                  100.0%; Score 29; DB 9; Length 9; 100.0%; Pred. No. 1.3e+06; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 29; DB 9; Length 9; 100.0%; Pred. No. 1.3e+06; Live 0; Mismatches 0; Indels
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APPLICANT: Fitzer Attas, Cheryl
APPLICANT: Chain, Daniel
TITLE OF INVENTION: PEPTIDES AND METHODS FOR SCREENING IMMUNOGENIC PEPTIDE VACCINES A
TITLE OF INVENTION: AD IN WHICH T-CELL EPTTOPES ARE REDUCED
FILE REFERENCE: P-5202-US
CURRENT APPLICATION NUMBER: US/10/619,454
CURRENT FILING DATE: 2003-07-16
PRIOR FILING DATE: 2002-07-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-619-454-25

i Sequence 25, Application US/10619454

i Sequence 25, Application US/10619454

i Publication No. US2004009195A1

i Publication No. US2004009195A1

i APPLICANT: Mindset

i APPLICANT: Fitzer Attas, Cheryl

APPLICANT: Chain, Daniel

i TITLE OF INVENTION: PEPTIDES AND METHODS FOR SCREENING IMMUNOGENIC PEPTIDE VACCINES AN TITLE OF INVENTION: AD IN WHICH T-CELL EPITOPES ARE REDUCED

I TITLE OF INVENTION: DAD IN WHICH T-CELL EPITOPES ARE REDUCED

I TITLE OF INVENTION IN WHICH T-CELL EPITOPES ARE REDUCED

CURRENT APPLICATION NUMBER: US 60/396,245

PRIOR PEPLING DATE: 2002-07-17

NUMBER OF SEQ ID NOS: 187

SOFTWARE: PARENTIN VERSION 3.1

LENGTH: 9

LENGTH: 9

LENGTH: 9
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100.0%; Pred. No. 1.3e+06;
vative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: algorithm generated US-10-619-454-3
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; Sequence 28, Application US/10619454
; Publication No. US20040091945A1
; GENERAL INFORMATION:
                                          Sequence 3, Application US/10619454
Publication No. US20040091945A1
GENERAL INFORMATION:
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ORGANISM: artificial sequence
FEATURE:
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 9
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Best Local Similarity 100.
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Best Local Similarity
Matches 6; Conserv
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                                                                                                                APPLICANT: Mindset
                         JS-10-619-454-3
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                                                                                                                                                                                                                                                                                   Sequence 64, Application US/10235483
Sequence 64, Application US/20308087407A1
GENERAL INFORMATION:
BAUMANN, Marc
ERANGIONE, BASS
TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
FILING DATE: 06-Sep-2002
CLASSIFICATION: cUnknown>
PRIOR APPLICATION NUMBER: US/08/766,596
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
ATTORNEY/ABORT INFORMATION:
NAME: YIN, Allen C.
NAME: YIN, Allen C.
NAME: YIN, Allen C.
NAME: YIN, Allen C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity 100.0%; Score 29; DB 14; Length 9; Similarity 100.0%; Pred. No. 1.3e+06;. 6; Conservative 0; Mismatches 0; Indels
                                          Length 9;
                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 419 Seventh Street, N.W., Suite 400
                                            100.0%; Score 29; DB 10; 100.0%; Pred. No. 1.3e+06;
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REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 64:
US-10-235-483-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 64
SEQUENCE CHARACTERISTICS
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                                          Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity
Matches 6; Conserv
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KLVFFA 7
                                                                                                                                     1 KLVFFA 6
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US-09-747-408-20
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Sequence 29, Application US/09867847

Sequence 29, Application US/09867847

Sequence 29, Application US/09867847

Sequence 29, Application US/09867847

GENERAL INFORMATION:

APPLICANT: Chalifour, Robert

APPLICANT: Rong, Xiangi

APPLICANT: Rong, Xiangi

TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S

TITLE OF INVENTION: AND AMYLOID RELATED DISEASES

TITLE OF INVENTION NUMBER: 60/108,594

PRIOR FILLING DATE: 1999-11-29

PRIOR FILLING DATE: 2000-11-28

PRIOR FILLING DATE: 2000-11-28

NUMBER: OF SEQ ID NOS: 65

SOFTWARE: PARCHIL VEY: 2.11

SEQ ID NO 29
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100.0%; Pred. No. 1.3e+06;
tive 0; Mismatches 0;
                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/619,454
CURRENT FILING DATE: 2003-07-16
PRIOR APPLICATION NUMBER: US 60/396,245
PRIOR FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 187
SOFTWARE: Patentin version 3.1
SEQ ID NO 157
                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: algorithm generated US-10-619-454-157
                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: artificial sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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                                                                                                                                      FILE REFERENCE: P-5202-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 KLVFFA 6
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                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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APPLICANT: Fitzer Attas, Cheryl
APPLICANT: Chain, Daniel
TITLE OF INVENTION: BEPTIES AND METHODS FOR SCREENING IMMUNOGENIC PEPTIDE VACCINES A
TITLE OF INVENTION: AD IN WHICH T-CELL EPITOPES ARE REDUCED
TITLE OF INVENTION: AD IN WHICH T-CELL EPITOPES ARE REDUCED
CURRENT APPLICATION NUMBER: US/10/619,454
CURRENT FILING DATE: 2003-07-16
PRIOR APPLICATION NUMBER: US 60/396,245
PRIOR FILING DATE: 2003-07-17
NUMBER OF SEQ ID NOS: 187
SOFTWARE: Patentin version 3.1
SEQ ID NO 28
TURNET OF SECTION NOS: 187
TURNET OF SECTION NOS: 187
TURNET OF SEQ ID NOS: 187
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Publication No. US20040091945A1
GENERAL INFORMATION:
APPLICANT: Mindset
APPLICANT: Fitzer Attas, Cheryl
APPLICANT: Chain, Daniel
TITLE OF INVENTION: PEPTIDES AND METHODS FOR SCREENING IMMUNGENIC PEPTIDE VACCINES
TITLE OF INVENTION: PAD IN WHICH T-CELL EPTIOPES ARE REDUCED
FILE REFERENCE: P-5202-US
CURRENT APPLICATION NUMBER: US/0619,454
CURRENT FILING DATE: 2003-07-16
PRIOR APPLICATION NUMBER: US 60/396,245
PRIOR FILING DATE: 2002-07-17
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APPLICANT: Chain, Daniel
TITLE OF INVENTION: PEPTIDES AND METHODS FOR SCREENING IMMUNOGENIC PEPTIDE VACCINES
TITLE OF INVENTION: AD IN WHICH T-CELL EPITOPES ARE REDUCED
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100.0%; Pred. No. 1.3e+06;
iive 0; Mismatches 0;
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100.0%; Pred. No. 1.3e+06;
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US-10-619-454-157
US-10-619-454-157
Sequence 157, Application US/10619454
; Publication No. US20040091945A1
; GENERAL INFORMATION:
; APPLICANT: Mindset
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SOFTWARE: Patentin version 3.1
SEQ ID NO 57
LENGTH: 9
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Best Local Similarity 100.
Matches 6, Conservative
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Best Local Similarity
Matches 6; Conserv
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KLVFFA 9
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SEQ ID NO 22
LENGTH: 10
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APPLICANT: Schenk, Daie B.
APPLICANT: Schenk, Daie B.
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nicki
APPLICANT: Vasquez, Nicki
APPLICANT: Yednock, Tolorian and Treatment of Amyloidogenic Disease
TITLE REFERENCE: 15270J-004750UC
FILE REFERENCE: 15270J-004750UC
CURRENT APPLICATION NUMBER: US/10/823,463
CURRENT APPLICATION NUMBER: US/09/580,015
PRIOR APPLICATION NUMBER: US/09/580,015
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1998-05-28
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: WO PCT/US00/14810
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR FILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-04-07
NUMBER OF SEQ ID NOS: 77
SCOTTWARE: PatentIn Ver. 2.1
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100.0%; Pred. No. 7.4;
iive 0; Mismatches 0,
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FILE REFERENCE: NBI-139
CURRENT APPLICATION NUMBER: US/09/915,092
CURRENT FILING DATE: 2001-07-24
FRIOR APPLICATION NUMBER: 60/220,808
FRIOR FILING DATE: 2000-07-25
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 19
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 20, Application US/10823463 Publication No. US20050019328A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
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US-10-823-463-20
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APPLICANT: Schenk pale B.

APPLICANT: Schenk pale B.

APPLICANT: Schenk pale B.

APPLICANT: Weddock Teddock Te
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US-09-988-842-25
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Sequence 23, Application US/10823463
Publication No. US20050019328A1
GENERAL INFORMATION:
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: Vasquez, Nick; Ted
TITLE OF INFORTION: Prevention and Treatment of Amyloidogenic Disease
FILE REFERENCE: 152703-004750UC
CURRENT FILING DATE: 2004-04-14
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Evblication No. US20050019328A1
GENERAL INFORMATION
APPLICANT: Schenk, Dale B.
APPLICANT: Bard, Frederique
APPLICANT: VGSquez, Nicki
APPLICANT: Yednock, Ted
TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
FILE REPERENCE: 12570J-004750UC
CURRENT APPLICATION NUMBER: US/10/823,463
CURRENT FILING DATE: 2004-04-14
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide; ; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid; ) OTHER INFORMATION: peptide)
US-10-823-463-22
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Similarity 100.0%; Pred. No. 7.4;
6; Conservative 0; Mismatches n. T-201
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PRIOR APPLICATION NUMBER: US/09/580,015
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/322,289
PRIOR FILING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: US 09/201,430
PRIOR APPLICATION NUMBER: WS 09/201,430
PRIOR FILING DATE: 1998-11-30
PRIOR FILING DATE: 1998-1-30
PRIOR APPLICATION NUMBER: WS 60/067,740
PRIOR FILING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PALENTIN VET: 2.1
SEQ ID NO 23
LENGTH: 10
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                                                                                                                             Query Match
Best Local Similarity
Matches 6; Conserv
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KLVFFA 8
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Sequence 9, Application US/09988842

Sequence 9, Application US/09988842

GENERAL INFORMATION:

TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION

TITLE OF INVENTION: OF ANYLOID FORMATION

TITLE OF INVENTION: OF ANYLOID FORMATION

CURRENT APPLICATION NUMBER: US/09/988,842

CURRENT FILING DATE: 2001-11-19

PRIOR PEPLING DATE: 2000-11-06

PRIOR PEPLING DATE: 2000-11-20

PRIOR FILING DATE: 2000-11-20

PRIOR SEQ ID NOS: 26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 29; DB 17;
100.0%; Pred. No. 7.4;
rative 0; Mismatches 0;
PRIOR APPLICATION NUMBER: US/09/580,015
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 1999-05-26
PRIOR APPLICATION NUMBER: US 09/32,289
PRIOR FILING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: US 09/201,430
PRIOR PILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR APPLICATION NUMBER: US 60/080,970
PRIOR PILING DATE: 1998-04-07
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PARCHILIN VET: 2.1
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Best Local Similarity 100.
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Best Local Similarity
Matches 6; Conserv
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APPLICANT: Coles, Fawn
APPLICANT: Coles, Fawn
APPLICANT: Coles, Fawn
APPLICANT: Karlsson, Lars
TILE OF INVESTION: Aggrecanase-1 and -2 Peptide Substrates and Methods
FILE REFERENCE: ORT-1417
CURRENT APPLICATION NUMBER: US/10/050,200
CURRENT FILING DATE: 2002-01-16
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn version 3.1
SEQ ID NO 33
LENGTH: 11
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Publication No. US20040121398A1
GENERAL INFORMATION:
APPLICANT: FULITSU LIMITED
APPLICANT: PULITSU LIMITED
APPLICANT: PARTHACEUTICAL CO., LTD.
APPLICANT: DAIICHI PHARMACEUTICAL CO., LTD.
TITLE OF INVENTION: Method for predicting protein-protein interactions
FILE REPERENCE: GP01-1001PCT
CURRENT APPLICATION NUMBER: US/10/237,673
CURRENT FILING DATE: 2002-09-10
PRIOR FILING DATE: 2000-03-10
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100.0%; Pred. No. 8.1;
ative 0; Mismatches 0;
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100.0%; Pred. No. 8.1;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                    0; Mismatches
                                                                          TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: peptide substrate US-10-050-200-33
                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 33, Application US/10050200
; Publication No. US20030166037A1
; GENERAL INFORMATION:
                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 20
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Best Local Similarity 100.
Matches 6, Conservative
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Matches 6; Conservative
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ORGANISM: Homo sapiens
US-10-237-673-20
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2 KLVFFA
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US-10-235-483-14
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US-10-050-200-33
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Sequence 14, Application US/2035483
Publication No. US20030087407A1
GENERAL INFORMATION:
GENERAL INFORMATION:
BAUMANN, Marc
BAUMANN, Marc
FRANGIONE, PEPTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIK
DEPOSITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION TITLE OF INVENTION: OF AMYLOID FORMATION CURRENT ELE REFERENCE: 12125-002010 4.0 CURRENT APPLICATION NUMBER: US/09/988,842 CURRENT FILING DATE: 2001-11-19 PRIOR APPLICATION NUMBER: US 60/251,662 PRIOR PLING DATE: 2000-12-06 PRIOR FILING DATE: 2000-12-06 PRIOR FILING DATE: 2000-11-20 NUMBER: OF SEQ ID NOS: 26 CONTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 29; DB 9; Length 11; 100.0%; Pred. No. 8.1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/235,483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetically generated peptide US-09-988-842-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ó
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REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
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APPLICATION NUMBER: US 08/766,596
FILING DATE: -UNKNOWN>
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
FILING DATE: 10-APR-1996
PILING DATE: 06-UUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 06-Sep-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Washington STATE: D.C.
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Best Local Similarity 100.
Matches 6; Conservative
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LENGTH: 11
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Query Match 100.0%; Score 29; DB 14; Length 13; Best Local Similarity 100.0%; Pred. No. 9.5; Matches 6; Conservative 0; Mismatches 0; Indels
                           DB 9; Length 12;
                                                                                                                                                                                                                                                                                Sequence 1, Application US/10281458
; Publication No. US20030108978A1
; General INFORMATION:
; APPLICANT: Clambrone, Gary J.
; APPLICANT: Glabbons, Ian
; TITLE OF INVENTION: Whole Cell Assay Systems for Cell
; TITLE OF INVENTION: Surface Proteases
; FILE REFERENCE: 50225-8033-US03
; CURRENT APPLICATION NUMBER: US/10/281,458
; CURRENT FILING DATE: 2002-10-25
; PRIOR FILING DATE: 2001-10-25
; PRIOR FILING DATE: 2001-10-25
; PRIOR FILING DATE: 2001-10-25
; NUMBER: OF SEQ ID NOS: 3
; SOFTWARE: FastSEQ for Windows Version 4.0
                        100.0%; Score 29; DB 9
100.0%; Pred. No. 8.8;
iive 0; Mismatches
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                           Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                  7 KLVFFA 12
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                                                                                                                                                       Sequence 117.11

Sequence 113. Application US/10464117

Sequence 113. Application No. US20050014193A1

GENERAL INFORMATION:
APPLICANT: Balatin Technologies, Inc.
APPLICANT: Sharma, Shubb D.
APPLICANT: Shi, Yi-Qun
TITLE OF INVENTION: Identification of Target-Specific Folding Sites in Peptides and
TITLE OF INVENTION: Proteins
FILE REFERENCE: 70025-UT-50075
CURRENT PILING DATE: 2003-06-17
CURRENT FILING DATE: 2003-06-17

PRIOR PILING DATE: 2001-12-19
PRIOR PILING DATE: 2001-10-04
NUMBER OF SEQ ID NOS: 171

SOFTWARE: PatentIn version 3.2
SEQ ID NO 13

LENGTH: 11

LENGTH: 11
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Sequence 8, Application US/09867847

Sequence 8, Application US/09867847

SENERAL INFORMATION:

SERVERAL INFORMATION:

APPLICANT: Chalifour, Robert

APPLICANT: Rong, Xiangi

APPLICANT: Rong, Xiangi

APPLICANT: Gervais, Francine

APPLICANT: Gervais, Francine

TITLE OF INVENTION: AND AMYLDID RELATED DISEASES

TITLE OF INVENTION: AND AMYLDID RELATED DISEASES

FILE REFERENCE: 14445-501 CIP

CURRENT PELING DATE: 2001-09-20

PRIOR FILING DATE: 2001-09-20

PRIOR FILING DATE: 2000-11-28

PRIOR FILING DATE: 2000-11-28

NUMBER OF SEQ ID NOS: 65

SOFTWARE: PALENTIN VOR: 2.1

SEQ ID NO 8

LENGTH: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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; OTHER INFORMATION: Amyloid beta-protein related peptide
US-10-464-117-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3 KLVFFA 8
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2: /cgn2 6/ptodata/1/paa/US006_COMB.pep:*

4: /cgn2 6/ptodata/1/paa/US012_COMB.pep:*

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14: /cgn2 6/ptodata/1/paa/US089_COMB.pep:*

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 65 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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	.09-724-842-1	24-842A	-09-867-847-12	-09-867-847A-	-09-915-092-	-10-009-122-2	-10-030-137A	7-870-87/-0T-	-10-825-956-	-TO-232-483-6	-00-003-403-T	-09-680-557-60-	0504-050-4CE	00 52 - 080 - 57 - 60 -	-09-816-660-2306	-09-133-089-2306	-09-816-660-2306	-09-/33-089-2306	00-12-000-010-00	09-816-660-2306	-03-23-080-2306	-03-816-660-2306	10-437-963-	-10-438-246-2493	-10-155-881-2540	-10-155-881-2875	-10-438-246-1766	-US02-26889-	0 - 04 0 - 0 40 - 0 0 0 0 0 0 0 0 0 0 0	.08-612-785	-08-616-081	.08-616-081A	.09-972-475	.09-972-475A	10-463-729-7	10-810-881	18-548-998-4 10 548 998-4	18-548-998A-	-180-515-80	-08-616-081A	-09-972-475-5	-09-972-475A	-10-463-729-5	7-877-675A-	17-877-675A-2	-09-867-847-9	-09-867-847A-	-10-009-122-2	-10-235-483-5	10-619-454-2	-09-580-015-2	.09-580-015-2	2-610-086-60.	.09-580-019-2	.09-580-019-2	.09-580-019-2	.09-580-019-2	.09-723-544-2	.09-723-544-2	0.00	4 - 110 - 171 - 170
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       Sequence 10, Application US/09724842

GENERAL INFORMATION:
APPLICANT: Chalifour, Robert
APPLICANT: Kobert, Lise
APPLICANT: Kopg-*Xtangi
APPLICANT: Kopg-*Xtangi
APPLICANT: Kopg-*Xtangi
APPLICANT: Kopg-*Xtangi
APPLICANT: APPLICANT: AND AMYLOID RELATED DISEASES
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
FILE REFERENCE: T4445-501
CURRENT PELING DATE: 2000-11-28
PRIOR PRING PATE: 1999-11-29
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PATENTIN VET. 2.1
SOFTWARE: PATENTIN VET. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Chalifour, Robert
APPLICANT: Chalifour, Robert
APPLICANT: Rong, Xiangi
APPLICANT: Rong, Xiangi
APPLICANT: Gervais, Francine
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
FILE REFERENCE: 14445-501
CURRENT APPLICATION NUMBER: 05/09/724,842A
CURRENT FILING DATE: 1999-11-28
PRIOR APPLICATION NUMBER: 60/168,594
PRIOR FILING DATE: 1999-11-29
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: All D peptides; OTHER INFORMATION: or peptidomimetics
US-09-724-842-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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Best Local Similarity 100.0%; Pred. No. 6.4e+06;
Matches 7; Conservative 0; Mismatches 0; Indels
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100.0%; Score 34; DB 21; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.4e+06;
Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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-09-724-842-10
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                                                                                                                                                           THE PREVENTION AND TREATMENT OF ALZHEIMER'S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: All D peptides; OTHER INFORMATION: or peptidomimetics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 12, Application US/09867847A

Sequence 12, Application US/09867847A

GENERAL INFORMATION:

APPLICANT: Chalifour, Robert

APPLICANT: Hebert, Lise

APPLICANT: Kong, Xianqi

APPLICANT: Kong, Xianqi

APPLICANT: Gervais, Francine

ITLLE OF INVENTION: Of Alzheimer's and Amyloid Related Diseases

ITLLE OF INVENTION: Of Alzheimer's and Amyloid Related Diseases

FILE REFERENCE: 5029/1005001

CURRENT APPLICATION NUMBER: US/09/867,847A

CURRENT FILING DATE: 2001-05-29

FRIOR APPLICATION NUMBER: 60/168,594

PRIOR APPLICATION NUMBER: 60/168,594

PRIOR FILING DATE: 1999-11-28

NUMBER OF SEQ ID NOS: 65

SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 34; DB 23; Length 7; Best Local Similarity 100.0%; Pred. No. 6.4e+06; Matches 7; Conservative 0; Mismatches 0; Indels
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                                             APPLICANT: Chalifour Robert
APPLICANT: Chalifour Robert
APPLICANT: Chalifour Lisa
APPLICANT: Gervals, Francine
APPLICANT: Gervals, Francine
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TR
TITLE OF INVENTION: TAND-MANTION RELATED DISEASES
FILE REFERENCE: 14445-501 CIP
CURRENT APPLICATION NUMBER: US/09/867,847
CURRENT FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 65
SSCTUARE: PATENTIN OF: 2.1
SSCTUARE: PATENTIN OF: 2.1
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Application US/09867847
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 7; Conservative
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RESULT 5 US-09-915-092-2

RESULT 3 US-09-867-847-12

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US-10-825-958-10
Sequence 10, Application US/10825958
Sequence 10, Application US/10825958
GENERAL INFORMATION:
APPLICANT: Chalifour, Robert
APPLICANT: Chalifour, Rangi
APPLICANT: Hebert, Lise
APPLICANT: Gervais
TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
FILE REPRENCE: SO391/004002
CURRENT APPLICATION NUMBER: US/10/825,958
CURRENT PILING DATE: 2004-04-16
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Sequence 2, Application US/1072802B;
Sequence 2, Application US/1072802B;
Sexenal Information;
APPLICANT: GERVAIS' Francine
APPLICANT: CHALIFOUR, Robert
APPLICANT: CHALIFOUR, Robert
APPLICANT: MIGNEAULT, David
ITILE OF INVENTION: AMYLOID TARGETING IMAGING AGENTS AND
ITILE OF INVENTION: USES THEREOF;
FILE REFERENCE: NBI-139CP
CURRENT APPLICATION NUMBER: US/10/72B, 028
CURRENT APPLICATION NUMBER: 60/443291
PRIOR PILING DATE: 2003-01-29
PRIOR FILING DATE: 2001-07-24
PRIOR FILING DATE: 2001-07-24
PRIOR FILING DATE: 2000-07-25
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                 Length 7;
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                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
COMPARE INFORMATION: Homologous Sequence of SEQ ID NO:1
US-10-030-137A-5
                                                                                                                                                                                                                                                                                                            100.0%; Score 34; DB 26;
100.0%; Pred. No. 6.4e+06;
tive 0; Mismatches 0;
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ilarity 100.0%; Pred. No. 6.4e+06;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic Construct US-10-728-028-2
       CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: GB 9917724.8
PRIOR FILING DATE: 1999-07-28
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ORGANISM: Artificial Sequence
                                                                         NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 7
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Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity
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1 KKLVFFA 7
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US-10-728-028-2
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                                                                    APPLICANT: Kong, Xianqi
APPLICANT: Chalifour, Robert
APPLICANT: Chalifour, Robert
APPLICANT: Migneault, David
TITLE OF INVENTION: AMYLOID TARGETING IMAGING AGENTS AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: NBI-139
CURRENT FILLING DATE: 2001-07-24
PRIOR PILLING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Past SEQ for Windows Version 4.0
SEQ ID NO: 28
LENGTH: 7
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APPLICANT: GREVALIS, Francine
APPLICANT: GPTA, Ajay
TITLE OF INVENTION: STEREOSELECTIVE ANTIPIBRILLOGENIC
FITLE OF INVENTION: PEPTIDES AND PEPTIDOMIMETICS THEREOF
FILLE REPERENCE: 14228-1PCT
CURRENT APPLICATION NUMBER: US/10/009,122
PRIOR APPLICATION NUMBER: US/60/132,592
PRIOR FILLING DATE: 1999-05-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 34; DB 24; Best Local Similarity 100.0%; Pred. No. 6.4e+06; Matches 7; Conservative 0; Mismatches 0;
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US-10-030-137A-5
US-10-030-137A-5
Sequence 5, Application US/10030137A
SENERAL INFORMATION:
APPLICANT: STOUT, KELVIN
TITLE OF INVENTION:
FILE REFERENCE: P67518US0
CURRENT APPLICATION NUMBER: US/10/030,137A
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SCPTWARE: FaetSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 7
Sequence 2, Application US/09915092 GENERAL INFORMATION:
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GENERAL INFORMATION:
APPLICANT: NEUROCHEM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                   APPLICANT: Gervais, Francine
                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
CORGANISM: Homo sapiens
US-09-915-092-2
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KKLVFFA 7
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APPLICANT: Dotson, Stanton B.
APPLICANT: Dotson, Stanton B.
APPLICANT: Dotson, Stanton B.
APPLICANT: Liu, Jingdong
APPLICANT: Lutilya, Linda L.
APPLICANT: Lutilya, Linda L.
APPLICANT: McIninch, James
APPLICANT: Nover Control of C
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; OTHER INFORMATION: BBB-permeant peptide sequence with ability to bind AB
US-60-603-403-1
                                                                                                                                                                   Gaps
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APPLICANT: Washington University St. Louis
TITLE OF INVENTION: Blood Brain Barrier Permeation Peptides
FILE REFERENCE: 60005161-0068
CURRENT APPLICATION NUMBER: US/60/603,403
CURRENT FILING DATE: 2004-08-20
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin version 3.2
SEQ ID NO 1
                                                                                                      Length 9;
                                                                                                                                                                   Indels
                                                                                                      Score 34; DB 28;
Pred. No. 6.4e+06
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; OTHER INFORMATION: unsure at all Xaa locations US-09-733-089-9030
; SEQUENCE DESCRIPTION: SEQ ID NO: 64: US-10-235-483-64
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                                                                                                      100.0%;
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Best Local Similarity 100.0%;
Watches 7; Conservative 0
                                                                                                      Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                1 KKLVFFA 7
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GENERAL INFORMATION:
APPLICANT: SOTO-JARA, Claudio
APPLICANT: SOTO-JARA, Claudio
ABAUMANN, Marc
FRANGIONE, Blas
TITLE OF INVENTION: PEFFTIDES AND PHARMACEUTICAL
COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIK
DEPOSITS
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, OTHER INFORMATION: Description of Artificial Sequence: All D peptides

, OTHER INFORMATION: or peptidomimetics
US-10-825-958-10
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/10/235,483

FILING DATE: 06-Sep-2002

CLASSIFICATION: <UNKNOWD>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
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ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 34; DB 34; 100.0%; Pred. No. 6.4e+06;
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APPLICATION NUMBER: US/08/766,596
FILING DATE: «Uhrown»
APPLICATION NUMBER: US 08/630,645
FILING DATE: 10-APR-1996
APPLICATION NUMBER: US 08/478,326
FILING DATE: 06-UN-1995
ATTORNEY AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
            PRIOR APPLICATION NUMBER: 09/724,842
PRIOR FILING DATE: 2000-11-28
PRIOR FILING DATE: 1999-11-29
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 64:
                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Washington STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-235-483-64
                                                                                                                                                                                                                                          LENGTH:
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TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With TITLE OF INVENTION: Transcription In Plants
FILE REFERENCE: 38-21 (15300) D
CURRENT APPLICATION NUMBER: US/09/816,660
CURRENT FILING DATE: 2001-03-26
FRIOR APPLICATION NUMBER: US 09/474,435
PRIOR PLING DATE: 1999-12-28
PRIOR PLING DATE: 1200-09-05
PRIOR PLING DATE: 2000-09-05
PRIOR PLING DATE: 2000-01-11
PRIOR PLING DATE: 2000-12-11
PRIOR PLING DATE: 2000-10-10
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                                                                                                                                                                                                                                                                                                                                                             0; Indela
                                                                                                                                                                                                                                                                                             Score 31; DB 21;
Pred. No. 7.8e+02;
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                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 23062, Application US/09816660; GENERAL INFORMATION:
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Liu, Jingdong; APPLICANT: Liu, Jingdong; APPLICANT: Lutfiyya, Linda L.
; APPLICANT: McIninch, James
; APPLICANT: Wu, Wei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 23064, Application US/09733089; GENERAL INFORMATION:
APPLICANT: Doteon, Stanton B.
APPLICANT: Kovalic, David K.
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Wingdong
APPLICANT: Willingh, James
APPLICANT: Welminch, James
                                 PRIOR APPLICATION NUMBER: US 09/620,392
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 24143
SEQ ID NO 23062
                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6; Conservative
                                                                                                                                                                             TYPE: PRT
CORGANISM: Oryza sativa
US-09-733-089-23062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Oryza sativa
US-09-816-660-23062
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95 KKVVFFA 101
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95 KXVVFFA 101
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US-09-733-089-23064
                                                                                                                                                        LENGTH: 140
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                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:

APPLICANT: Botson, Stanton B.
APPLICANT: Kovalic, David K.
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jinda I.
APPLICANT: Liu, Jinda I.
APPLICANT: Liu, Jinda I.
APPLICANT: Wu, Wei
TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
TITLE OF INVENTION: NUMBER: US/09/816,60
CURRENT FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 09/474,435
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-10-10
PRIOR FILING DATE: 2000-10-10
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 24143
SEQ ID NO 9330
TENDER DE TENDER DATE: 2000-07-19
TWENDER DE TENDER DATE: 2000-07-19
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APPLICANT: Liu, Jingdong
APPLICANT: Lutfiyya, Linda L.
APPLICANT: McIninch, James
APPLICANT: W. Wei
TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
TITLE OF INVENTION: Transcription In Plants
FILE REFERENCE: 38-21(15300)D
CURRENT APPLICATION NUMBER: US/09/733,089
CURRENT FILING DATE: 2000-12-11
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                           91.2%; Score 31; DB 21; Length 112;
85.7%; Pred. No. 6.4e+02;
tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        91.2%; Score 31; DB 23; Length 112;
85.7%; Pred. No. 6.4e+02;
tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: unsure

: LOCATION: (1)..(112)

: OTHER INFORMATION: unsure at all Xaa locations

US-09-816-660-9030
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PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: US 09/654,617
PRIOR FILING DATE: 2000-09-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 23062, Application US/09733089 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    Sequence 9030, Application US/09816660 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Doctson, Stanton B. APPLICANT: Kovalic, David K. APPLICANT: Liu, Jingdong APPLICANT: Lutfiyya, Linda L. APPLICANT: McIninch, James APPLICANT: Wu, Wei
Query Match
Best Local Similarity 85...
6. Conservative
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Best Local Similarity 85.7
Matches 6; Conservative
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                                                                                                                                                                             20 KKVVFFA 26
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us-uy-wib-web-23060, Application US/09816660

¡ General INCOMPATION:
¡ APPLICANT: Dotson, Stanton B.
¡ APPLICANT: Dotson, Stanton B.
¡ APPLICANT: Lutifylading
¡ APPLICANT: Lutifylading
¡ APPLICANT: Lutifylya, Linda L.
¡ APPLICANT: Wu, Wei
¡ TITLE OF INVENTION: Transcription In Plants
¡ TITLE OF INVENTION NUMBER: US 09/474,435
¡ PRIOR APPLICATION NUMBER: US 09/54,617
¡ PRIOR FILING DATE: 2000-09-05
; PRIOR FILING DATE: 2000-12-11
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 09/620,392
; PRIOR APPLICATION NUMBER: US 09/620,392
; PRIOR FILING DATE: 2000-07-19
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 24143
; SEQ ID NO 23060
  APPLICANT: Wu, Wei
TITLE OF INVENTION: Transcription In Plants
FILE OF INVENTION: Transcription In Plants
FILE OF INVENTION: Transcription In Plants
FILE REFERENCE: 38-21(15300)
CURRENT APPLICATION NUMBER: US/09/733,089
CURRENT APPLICATION NUMBER: US 09/474,435
PRIOR APPLICATION NUMBER: US 09/474,435
PRIOR FILING DATE: 1999-12-28
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-15
PRIOR FILING DATE: 2000-09-15
PRIOR FILING DATE: 2000-09-15
PRIOR FILING DATE: 2000-09-15
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 24143
SEQ ID NO 20360
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      91.2%; Score 31; DB 21; Length 165;
85.7%; Pred. No. 9.1e+02;
tive 1; Mismatches 0; Indels
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NAME/KEY: unsure

LOCATION: (1)..(165)

CTHER INFORMATION: unsure at all Xaa locations
US-09-816-660-23060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
NAME/FEX: unsure
LOCATION: (1). (165)
OTHER INFORMATION: unsure at all Xaa locations
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Best Local Similarity 85.7
Matches 6; Conservative
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ||:||||
|120 KKVVFFA 126
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US-09-816-660-23060
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Sequence 23064, Application US/09816660

GENERAL INFORMATION:
APPLICANT: Dotson, Stanton B.
APPLICANT: Luti, Jingdong
APPLICANT: Lutifiyya, Linda L.
APPLICANT: Lutifiyya, Linda L.
APPLICANT: Lutifiyya, Linda L.
APPLICANT: Weinhich, James
TITLE OF INVENTION: Transcription In Plants
TITLE OF INVENTION: Transcription In Plants
FILE REFERENCE: 38-21(15300)D
CURRENT APPLICATION NUMBER: US/09/816,660
CURRENT APPLICATION NUMBER: US 09/474,435
PRIOR APPLICATION NUMBER: US 09/474,435
PRIOR PILING DATE: 2000-12-18
PRIOR FILING DATE: 2000-12-11
PRIOR FILING DATE: 2000-12-11
PRIOR FILING DATE: 2000-12-11
PRIOR FILING DATE: 2000-10-10
PRIOR SEQ ID NOS: 24143
SEQ ID NO 23064
LEWITH: 158
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                                                                                                                                                                                                                                                                                                                                                                             Score 31; DB 21; Length 158;
Pred. No. 8.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
CURRENT FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: US 09/474,435
PRIOR FILING DATE: 1999-12-28
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 24143
SEQ ID NO 23064
LENGTH: 158
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APPLICANT: Docton, Stanton B.
APPLICANT: Kovalic, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      91.2%;
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85.7%;
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Lutfiyya, Linda L.
McIninch, James
                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Oryza sativa
US-09-733-089-23064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Oryza sativa
US-09-816-660-23064
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113 KKVVFFA 119
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113 KKVVFFA 119
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GENERAL INVEXTAILOR:

GENERAL INVEXTAILOR:

APPLICANT: Botson, Stanton B.

APPLICANT: Kovalic, David K.

APPLICANT: Lutfiyya, Linda L.

APPLICANT: Lutfiyya, Linda L.

APPLICANT: McIninch, Jamea L.

APPLICANT: McIninch L.

APPLICANT: McIninch L.

CURRENT APPLICATION NUMBER: US 09/474,435

FRIOR APPLICATION NUMBER: US 09/654,617

FRIOR FILING DATE: 2000-09-05

FRIOR FILING DATE: 1000-09-05

FRIOR FILIN
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APPLICANT: Truck Jinda L.
APPLICANT: Liu, Jinda L.
APPLICANT: Liu, Jinda L.
APPLICANT: Liu, Jinda L.
APPLICANT: Liu, Jinda L.
APPLICANT: McIninch, James
TITLE OF INVENTION: Transcription In Plants
TITLE OF INVENTION: Transcription In Plants
TITLE OF INVENTION: 18-201(15300)
CURRENT APPLICATION NUMBER: US 09/474,435
PRIOR FILING DATE: 1999-12-28
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                               Score 31; DB 23; Length 181;
Pred. No. 9.9e+02;
1; Mismatches 0; Indels
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Pred. No. 1.1e+03;
                                                                                                                                    LOCATION: (1)..(181)
COTHER INFORMATION: unsure at all Xaa locations
US-09-816-660-23063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 23065, Application US/09733089 GENERAL INFORMATION:
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Best Local Similarity 85.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Oryza sativa
US-09-733-089-23065
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136 KKVVFFA 142
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154 KKVVFFA 160
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                                                                                                         NAME/KEY: unsure
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-733-089-23065
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                                                                                                                                                                          Sequence 23063, Application US/09733089.

Sequence 23063, Application US/09733089.

GENERAL INFORMATION:

APPLICANT: Dotson, Stanton B.

APPLICANT: Liu, Jingdong

APPLICANT: Lutfiyya, Linda L.

APPLICANT: Lutfiyya, Linda L.

APPLICANT: McIninch, James

APPLICANT: Www. Wei

TITLE OF INVENTION: Transcription In Plants

TITLE OF INVENTION: Transcription In Plants

TITLE OF INVENTION: Transcription In Plants

TITLE OF INVENTION: UNMBER: US/09/733,089

CURRENT APPLICATION NUMBER: US 09/474,435

PRIOR PILING DATE: 1999-12-28

PRIOR PILING DATE: 1999-12-28

PRIOR PILING DATE: 2000-09-05

PRIOR PILING DATE: 2000-09-05

PRIOR PILING DATE: 2000-07-19

NUMBER OF SEQ ID NOS: 24143

SEQ ID NO 23063

LENGTH: 181

LENGTH: 181

LENGTH: 181
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GENERAL INFORMATION:
APPLICANT: Dotson, Statton B.
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Mei
APPLICANT: Molinich, James
APPLICANT: Molinich, James
APPLICANT: Molinich, James
APPLICANT: Wo, Wei
TITLE OF INVENTION: Transcription In Plants
FILE REFERENCE: 38-21(15300)
CURRENT FILING DATE: 2001-03-26
FILOR APPLICATION NUMBER: US 09/474,435
PRIOR APPLICATION NUMBER: US 09/474,435
PRIOR APPLICATION NUMBER: US 09/654,617
PRIOR FILING DATE: 2000-12-11
PRIOR PLING DATE: 2000-12-11
PRIOR PLING DATE: 2000-10-10
PRIOR FILING DATE: 2000-10-10
PRIOR FILING DATE: 2000-10-10
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 24143
SEQ ID NO 23063
LENGTH: 181
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: unsure

LOCATION: (1)..(181)

COTHER INFORMATION: unsure at all Xaa locations
US-09-733-089-23063
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Best Local Similarity 85.7
Matches 6; Conservative
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ORGANISM: Oryza sativa
||:||||
120 KKVVFFA 126
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| 136 KKVVFFA 142
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US-09-733-089-23063
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TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH TITLE OF INVENTION: TRANSCRIPTION IN PLANTS
FILE REPERENCE: 38-24 (15300) 7
CURRENT APPLICATION NUMBER: US/10/155,881
CURRENT FILLING DATE: 2002-05-22
SEQ ID NOS: 37595
LENGTH: 1764
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Dotson, Stanton B.
APPLICANT: Kovalic, David K.
APPLICANT: Lutfiya, Jingdong
APPLICANT: Lutfiya, Linda L.
APPLICANT: McIninch, Jamea L.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
TITLE OF INVENTION: TRANSCRIPTION IN PLANTS
FILE REFERENCE: 38-21(15300) J
CURRENT APPLICATION NUMBER: US/10/155,881
CURRENT APPLICATION NUMBER: US/10/155,881
NUMBER OF SEQ ID NOS: 37595
SEQ ID NO 25401
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Pred. No. 7.68+03;
1; Mismatches 0; Indels
                                                                                                                                                                                                Length 1640;
                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                            Score 31; DB 30;
Pred. No. 7.1e+03;
1; Mismatches 0
                                                                                                                                        ; OTHER INFORMATION: Clone ID: TF_OSC77457_1.pep US-10-438-246-24934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 28754, Application US/10155881
; GENERAL INFORMATION:
APPLICANT: Dotson, Stanton B.
APPLICANT: Kovalic, David K.
APPLICANT: Lut, Jingdong
APPLICANT: Lutifiyya, Linda L.
APPLICANT: Maninoh, James
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 25401, Application US/10155881
GENERAL INFORMATION:
    CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 33516
SEQ ID NO 24934
LENGTH: 1640
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Best Local Similarity 85.7
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Best Local Similarity 85.
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; ORGANISM: Oryza sativa
US-10-155-881-25401
                                                                                TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ||:||||
1719 KKVVFFA 1725
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Best Local Similarity
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Sequence 109646, Application US/10437963

SERNERAL INFORMATION:

APPLICANT: La Rosa, Thomas J.

APPLICANT: Kovalic, David K.

APPLICANT: Too, Yongwei

APPLICANT: Wu, Wei

APPLICANT: Wu, Wei

APPLICANT: Barbazuk, Brad

APPLICANT: Barbazuk, Brad

APPLICANT: Li, Ping

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(5321)B

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 109646

LENGTH: 1640
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                                                                                                                                                                                                                                                           Length 199;
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Pred, No. 1.1e+03;
1; Mismatches 0; Indele
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US-10-437-963-109646
                                            US 09/684,016
Sequence 24934, Application US/10438246 GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J. APPLICANT: Lutfiyya, Linda L. APPLICANT: Zhou, Yihua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Boukharov, Andrey A.
                                                                                                                                                                                                                                                           91.2%;
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Kovalic, David K.
Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                           Best Local Similarity 85.7
Matches 6; Conservative
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ORGANISM: Oryza sativa
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1595 KKVVFFA 1601
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154 KKVVFFA 160
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US-10-438-246-24934
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RESULT 31
US-08-548-998A-6
; Sequence 6, Application US/08548998A
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Hanley, Elizabeth A. REGISTRATION NUMBER: 33,505 REPERENCE/DOCKET NUMBER: PPI TELECOMMUNICATION: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6; Conservative
                                                                                                                                                                                 NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 28 State Stre
CITY: Boston
STATE: Massachusetts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    amino acid
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Best Local Similarity
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US-08-548-998-6
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                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with TITLE OF INVENTION: Transcription in Plants and Uses Thereof for Plant Improvement FILE REPERSENCE: 38-21(5333)B CURRENT APPLICATION NUMBER: US/10/438,246 CURRENT FILING DATE: 2003-05-14 NUMBER OF SEQ ID NOS: 33516
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Pred. No. 7.6e+03;
1; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application PC/TUS0226889
; GENERAL INPORMATION:
    APPLICANT: Stanley Stein
; TITLE OF INVENTION: Application of Peptide Conjugates to; TITLE OF INVENTION: Alzheimer's Disease
; TILE REFERENCE: 2615-1-001PCT
; CURRENT APPLICATION NUMBER: PCT/US02/26889
; CURRENT FILING DATE: 2002-08-23
; PRIOR PILING DATE: 2001-08-23
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 6
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; OTHER INFORMATION: Clone ID: TF_OSC401375j.Cl.p5.fg
US-10-438-246-17664
                                                                                                                                        Sequence 17664, Application US/10438246
GENERAL INFORMATION:
APPLICANT: La ROSBA, Thomas J.
APPLICANT: Lutfiyya, Linda L.
APPLICANT: Zhou, Yihua
                                                                                                                                                                                                                                                                          Li, Ping
Wu, Wei
Boukharov, Andrey A.
                                                                                                                                                                                                                  Zhou, Yihua
Kovalic, David K.
Barbazuk, Brad
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85.7%;
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: synthetic
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Best Local Similarity 85.7
Matches 6; Conservative
                                   ||:||||
|1719 KKVVFFA 1725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1719 KKVVFFA 1725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 KKLVFF 6
                                                                                                                          US-10-438-246-17664
                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 17664
LENGTH: 1764
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3-US02-26889-7
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                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                         APPLICANT:
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RESULT 30

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Sequence 6, Application US/08548998
GENERAL INFORMATION:
APPLICANT: Mark A. Findeis, Howard Benjamin, Marc B. Garnick,
APPLICANT: Malcolm L. Gefter, Arrind Hundal, Laura Kaeman,
APPLICANT: Michael Reed, Susan Molineaux, William Kubasek, Joseph
APPLICANT: Chin, Jung-Ja Lee and Michael Kelley.
TITLE OF INVENTION: Modilators of [SYMBOL 98 \f "Symbol"}-Amyloid Peptide Aggrega
TITLE OF INVENTION: Comprising an Ab Aggregation Core Domain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mark A. Findeis, Howard Benjamin, Marc B. Garnick,
APPLICANT: Malcolm L. Gefter, Arvind Hundal, Laura Kasman,
APPLICANT: Gary Musso, Ethan R. Signer, James Wakefield,
APPLICANT: Michael Reed, Susan Molineaux, William Kubasek, Joseph
APPLICANT: Chin, Jung-Ja Lee and Michael Kelley.
TITLE OF INVENTION: Modulators of {SYMBOL 98 \f "Symbol"}-Amyloid Peptide Aggrega
TITLE OF INVENTION: Comprising an Ab Aggregation Core Domain
CORRESPONDENCES: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/548,998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6.4e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 30; DB 9;
Pred. No. 6.4e+06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Mismatches
                                                                                                                                                                                                                                                                STREET: 60 State Street, Suite 510 CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: LAHIVE & COCKFIELD, LLP 28 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 02109-1875
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Relace
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER:
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0; Gaps

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US-08-616-081A-7
; Sequence 7, Application US/08616081A
; Sequence 7, Application US/08616081A
GENERAL INFORMATION:
; TITLE OF INVENTION: Modulators of {SYMBOL 98 \f "Symbol"}-Amyloid Peptide Aggrega
; TUTLE OF INVENTION:
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                       US-08-616-081-7

US-08-616-081-7

Sequence 7, Application US/08616081

GENERAL INFORMATION: Madulators of b-Amyloid Peptide Aggregation
TITLE OF INVENTION: Modulators of b-Amyloid Peptide Aggregation
TITLE OF INVENTION: Comprising an Ab Aggregation Core Domain
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE LAHIUF & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: BOSETON
STATE: Massachusetts
COUNTRY: USA
ZIP: 0210-1875

COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/616,081
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DeCONTI, Giulio A.
REFERENCE/DOCKET NUMBER: PPI-016CP
TELEPHONE: (617)227-7400
TELEPHONE: (617)227-7400
                                                                                                                       Score 30, DB 10; Length 7; Pred. No. 6.4e+06; 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 7;
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6.4e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             88.2%; Score 30; DB
85.7%; Pred. No. 6.4e
:ive 1; Mismatches
                                                                                                                             88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
                                                                                                        Query Match
Best Local Similarity 85.,
Bertage 6, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6; Conservative
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                       TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
     amino acid
3Y: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                1 KKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 OKLVFFA 7
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                                                                                                                                                                                                                                                                                                                                                                                  US-08-616-081-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-616-081-7
                                                                              US-08-612-785-7
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GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
ITILE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSBEIL LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: BOSLON
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER: IBM PC Compatible
OCHUTER: IBM PC Compatible
OCHUTER: IBM PC Compatible
COMPUTER: BEALDALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BATE THE PRICAMENT OF THE PRICAMENT APPLICATION NUMBER: US/08/612,785
FILING DATE: Harwith
CLASSIFICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UN-1995
PRIOR APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/ARRITON NUMBER: USSN 08/548,998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 30; DB 9; Length 7; Pred. No. 6.4e+06; 1; Mismatches 0; Indels
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/548,998A
FILING DATE: 21-OCT-1995
CLASSIPICATION: 514
ATCORNEY, AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: PPI-016
REFERENCE/DOCKET NUMBER: PPI-016
TELEPHONE: (617) 227-7400
TELEPHONE: (617) 227-5941
TELEPHONE: (617) 227-5941
INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acids
TYPE: amino acids
MOLECULE TYPE: peptide
US-08-548-998A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: DECONT, GIULO A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-C
TELECOMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 85.7
Matches 6; Conservative
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Gaps

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Sequence 7, Application US/09972475A
Sequence 7, Application US/09972475A
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                         88.2%; Score 30; DB 25; Length 7; 85.7%; Pred. No. 6.4e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 7;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/972,475A FILING DATE: 04-OCt-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USN 08/617,267 FILING DATE: 14-MAR-1996
APPLICATION NUMBER: USN 08/404,831 FILING DATE: 14-MAR-1995
APPLICATION NUMBER: USN 08/475,579 FILING DATE: 07-UN-1995
APPLICATION NUMBER: USN 08/49,998 FILING DATE: 27-OCT-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 30; DB 25;
Pred. No. 6.4e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2CN
                                                                                                                                                                                                                                                                                                                                                    1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1; Mismatches
                                                                                                                                                                      TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear;
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-972-475A-7
    REGISTRATION NUMBER: 31,503
                                               TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION TELEPHONE: (617)227-7400
                                                                 TELEPHONE: (617)227-7400
                                                                                       TELEFAX: (617)227-5941 INFORMATION FOR SEQ ID NO: 7: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 7 amino acids
TYPE: amino acid
                                                                                                                                                    LENGTH: 7 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                    6; Conservative
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Best Local Similarity
6, Conserve
                                                                                                                                                                                                                                                                                                                           Best Local Similarity
Matches 6; Conserv
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US-09-972-475A-7
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TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 10; Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                             SOFTWARE PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/616,081A
FILING DATE: Herewith
CLASSIFICATION 514
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US/08/548,998
FILING DATE: 7-OCT-1995
ATONNEY/AGENT INPORMATION:
NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REGISTRATION NUMBER: 31,503
REGISTRATION NUMBER: 31,503
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6.4e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: «Unknown»
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UN-1995
APPLICATION NUMBER: USSN 08/548,998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 30; DB ]
Pred. No. 6.4e-
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/972,475
FILING DATE: 04-Oct-2001
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/617,267
3: LAHIVE & COCKFIELD, LLP
28 State Street
                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 27-OCT-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/09972475 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (617) 227-5941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7 amino acide
                                                                 Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 8'
Matches 6; Conservati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
               STREET: 20
                                                               STATE: Mass
COUNTRY: US
ZIP: 02109
    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-616-081A-7
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FILING DATE: 2003-03-28
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ORGANISM: Artificial
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1 QKLVFFA 7
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GENERAL INFORMATION:
APPLICANT: Mercken, Marc; Benson, Jacqueline M.
TITLE OF INVENTION: ANTI-AMYLOID ANTIBODIES, COMPOSITIONS, METHODS AND USES FILE REFERENCE: CENS 0.1 NP
CURRENT APPLICATION NUMBER: US/10/810,881A
CURRENT FILING DATE: 2004-03-26
PRIOR APPLICATION NUMBER: US 60/458,474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gapa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Findeis, Mark A. et al.
IITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            88.2%; Score 30; DB 30; Length 7; 85.7%; Pred. No. 6.4e+06; 1. Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/617,267
FILING DATE: 14-MAR.1996
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR.1995
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
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REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (617)227-7400
TELEPRAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/10463729 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Boston
                                               1 KKLVFFA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 KKLVFFA 7
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                                                                                                                                                                                                                                                                                                                                US-10-463-729-7
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APPLICANT: Mark A. Findeis, Howard Benjamin, Marc B. Garnick,
APPLICANT: Malcolm L. Gefter, Arvind Hundal, Laura Kasman,
APPLICANT: Malcolm L. Gefter, Arvind Hundal, Laura Kasman,
APPLICANT: Gary Musso, Ethan R. Signer, James Wakefield,
APPLICANT: Chin, Jung-Ja Lee and Michael Kelley.
APPLICANT: Chin, Jung-Ja Lee and Michael Kelley.
TITLE OF INVENTION: Modulators of {SYMBOL 98 \frac{1}{7} "Symbol"}-Amyloid Peptide Aggrega
TITLE OF INVENTION: Comprising an Ab Aggregation Core Domain
NUMBER OF SEQUENCES: 11
CORRESPONDERSS: ABINUT & COCKFIELD
STREET: 60 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
RPILICATION NUMBER: US/08/548,998
FILING DATE:
CLASSIFICATION: 514
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
                                                                                                                                                                                                                                                                                                                                                                                     Score 30; DB 34;
Pred. No. 6.4e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
PRIOR APPLICATION NUMBER: US 60/458,469
PRIOR FILING DATE: 2003-03-28
PRIOR PILING DATE: 2003-03-8
PRIOR PILING DATE: 2003-03-28
PRIOR PILING DATE: 2003-03-28
PRIOR FILING DATE: 2003-03-8
NUMBER OF SEQ ID NOS: 131
SOFTWARE: Patentin version 3.3
SEQ ID NO 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTHWARE: PATENTIN RAILSON.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: PPI-016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/08548998 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             88.2%;
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                                                                                                                                                                                                                                                                                        FEATURE:
COTHER INFORMATION: PEPTIDE US-10-810-881A-128
                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
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Sequence 5, Application US/08616081
GENERAL INFORMATION:
APPLICANT: Finders, Mark A. et al.
TITLE OF INVENTION: Comprising an Ab Aggregation Core Domain
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
           COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOUTHARE: BATENTING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785
FILING DATE: Herewith
CLASSIFICATION NUMBER: US/08/612,785
FILING DATE: Herewith
CLASSIFICATION NUMBER: US/08/404,831
FILING DATE: H-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: USN 08/48,998
FILING DATE: USN 08/548,998
FILING DATE: USN 07-104.03
FREERRENGS/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION NUMBER: BPI-002CP3
TELECOMMUNICATION NUMBER: BPI-002CP3
TELECOMMUNICATION NUMBER: BPI-002CP3
TELECOMMUNICATION NUMBER: BPI-002CP3
TELECHANCE: (617)227-541
INDEMBATION POR SED ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: O2109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
FILING DATE: 25-OCT 1995
ATTORNEY/AGENT INFORMATION:
NAME: DECONTI, Giulio A.
REGISTRATION NUMBER: PPI-016CP
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 30; DB 10;
Pred. No. 6.4e+06;
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Best Local Similarity 85...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
TOPOLOGY: linear
MEDIUM TYPE:
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                                                                                                                                                                                                                            APPLICANT: Mark A. Findeis, Howard Benjamin, Marc B. Garnick,
APPLICANT: Marchard.
APPLICANT: Malcolm L. Gefter, Arvind Hundal, Laura Kasman,
APPLICANT: Gary Musso, Ethan R. Signer, James Wakefield,
APPLICANT: Gary Musso, Ethan R. Signer, James Wakefield,
APPLICANT: Michael Reed, Susan Molineaux, William Kubasek, Joseph
APPLICANT: Chin, Jung-Ja Lee and Michael Kelley.
TITLE OF INVENTION: Modulators of {SYMBOL 98 \f F"Symbol"}-Amyloid Peptide Aggrega
TITLE OF INVENTION: Comprising an Ab Aggregation Core Domain
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKPIELD
STREET: 60 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/548,998A
FILING DATE: 21-0CT-1995
CLASSIFICATION: 514
ATTONENY/AGENT INPOMBATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REGISTRATION NUMBER: 33,505
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                              Sequence 4, Application US/08548998A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/08612785 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (617) 227-5941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Massachusetts
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COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
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2 QKLVFFA 8
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CITY: Boston
                                                                                                                                                       US-08-548-998A-4
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                                                                                                                                   CUNTRY: BUSACHUSELTS

COUNTRY: USA
ZIP: 02109-1875

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Ralease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 04-Oct-2001
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 5, Application US/09972475A
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INTENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
UNDER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 30; DB 25; Length 8; Pred. No. 6.4e+06; 1; Mismatches 0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/617,267
FILING DATE: <UNKNOWN>
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-UN-1995
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-0CT-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: LAHIVE & COCKFIELD, LLP STREET: 28 State Street CITY: Boston STATE: Massachusetts COUNTRY: USA ZIP: 02109-1875
                                                                                   ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/972,475A
FILING DATE: 04-Oct-2001
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-972-475-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                            CITY: Boston
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2 QKLVFFA 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of {SYMBOL 98 \f "Symbol"}-Amyloid Peptide Aggrega
NUMBER OF SEQUENCES:
ADDRESSE: 145
ADDRESSE: LAHIVE & COCKFIELD, LLP
STRET: 28 State Street
STRET: Boston
STATE: Massachusetts
COUNTRY: USA
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                                                                                                                                                                                                                  Length 8;
                                                                                                                                                                                                                                                         0; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/616,081A
FILING DATE: Herewith
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 77-0CT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Deconti, Giulio A.
REGISTRATION NUMBER: 31,503
REGISTRATION NUMBER: 31,503
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                  Score 30; DB 10;
Pred. No. 6.4e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6.4e+06;
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Pred. No. 6.4e
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 5, Application US/08616081A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-972-475-5

; Sequence 5, Application US/09972475

; GENERAL INFORMATION:
                                         INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS: LENGTH: 8 mmino acids TYPE: amino acid TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 85.7%;
Matches 6; Conservative
  (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 8 amino acide
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MOLECULE TYPE: peptide
                                                                                                                                                    ; MOLECULE TYPE: peptide US-08-616-081-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
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2 OKLVFFA 8
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    TELEPHONE:
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Gaps
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Sequence 23, Application US/07877675A
GENERAL INFORMATION:

APPLICANT: Jacobsen Dr., Michael P.
APPLICANT: Jacobsen Dr., Jack S.

TITLE OF INVENTION: Methods of Using Same
TITLE OF INVENTION:

STATE: 1937 West Main Street
CITY: Stamford
STATE: CT
COUNTRY: USA
ZIP: 06904-0060
COMPUTER: IBM PC COMPATION:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATION:

MEDIUM TYPE: Patentin Release #1.0, Version #1.25
CUREATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CUREATION SYSTEM: 19920501
CLASSIFICATION NUMBER: US/07/877,675A
REGISTRATION: TON NUMBER: 31,274

REGISTRATION NUMBER: 31,274

REGISTRATION NUMBER: 31,274
                                                                                                                                                                                         88.2%; Score 30; DB 30; Length 8; 85.7%; Pred. No. 6.4e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 9;
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85.7%; Pred. No. 6.4e+06
                                                                                                                                                                                                                                          1; Mismatches
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                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 48
US-07-877-675A-25
; Sequence 25, Application US/07877675A
; GENERAL INFORMATION:
; APPLICANT: Vitek Dr., Michael P.
; APPLICANT: Jacobsen Dr., Jack S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 31
TELECOMMUNICATION INFORMATION:
    SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 203-321-2361
TELEFAX: 203-321-2971
TELEX: 710-474-4059
INFORMATION FOR SEQ ID NO:
                                                   amino acid
                                                                                                                                                                                     Query Match
Best Local Similarity 85.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6; Conservative
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Matches 6; Conserv
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US-07-877-675A-23
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/463,729
FILING DATE: 17-Jun-2003
CLASSIFICATION: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5, Application US/10463729
GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Modulators of Amyloid Aggregation
NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 30; DB 25; Length 8; Pred. No. 6.4e+06; Mismatches 0; Indels
                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A.
REGISTATION NOMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2CN
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/617,267
FILING DATE: 14-MAR-1996
APPLICATION NUMBER: USN 08/404,831
FILING DATE: 14-MAR-1995
APPLICATION NUMBER: USN 08/475,579
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: USN 08/548,998
FILING DATE: 27-0CT-1995
ATTORNEY/AGENT INFORMATION:
                                                             FILING DATE: 14-MAR-1995
APPLICATION NUMBER: USBN 08/475,579
FILING DATE: 07-07N-1995
APPLICATION NUMBER: USBN 08/548,998
FILING DATE: 27-0CT-1995
APPLICATION NUMBER: USSN 08/617,267
                   FILING DATE: 14-MAR-1996
APPLICATION NUMBER: USSN 08/404,831
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: DECONLÍ, GÍULIO A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
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TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                   TELEPHONE: (617)227-7400
TELEPRA: (617)42-4214
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 85.7
Matches 6; Conservative
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US-10-463-729-5
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Best Local Similarity 85.7
Matches 6; Conservative
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Job time : 262.397 secs
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Best Local Similarity
Matches 6; Conserv
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SEMERAL INFORMATION:
APPLICANT: Chalifour, Robert.
APPLICANT: Hebert, Lise
APPLICANT: Hebert, Lise
APPLICANT: Kong, Xianqi
APPLICANT: Cervais, Fzancine
ITILE OF INVENTION: VACINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
ITILE OF INVENTION: WACINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
ITILE OF INVENTION: UNDER: US/09/867,847
CURRENT PRING DATE: 2001-09-0
PRIOR APPLICATION NUMBER: 06/168,594
PRIOR APPLICATION NUMBER: 06/168,594
PRIOR PRING DATE: 2000-11-28
PRIOR PRING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 65
SEQ ID NO 9
ILENGTH: 9
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                         Novel Amyloid Precursor Proteins and
Methods of Using Same
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TITLE OF INVENTION: Novel Amyloid Precursor Proteins a TITLE OF INVENTION: Methods of Using Same NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS: American Cyanamid Company STREET: 1937 West Main Street
CITY: Stamford
STRATE: CT
COUNTRY: USA
ZIP: O6904-006 COMPUTER: EDOPPY disk
COMPUTER: EDOPPY disk
COMPUTER: ENABBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: DatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/07/877,675A
FILING DATE: 19920501
CLASSIFICATION: 435
ATTOMEY/AGENT INFORMATION:
NAME: LOWNEY, Dr. , KAREN A.
REGISTRATION NUMBER: 31,274
REFERENCE/DOCKET NUMBER: 31,274
REFERENCE/CATION NUMBER: 31,274
REGISTRATION NUMBER: 31,274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 30; DB 3
Pred. No. 6.4e4
1; Mismatches
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 85.7
Matches 6; Conservative
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MOLECULE TYPE: protein
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1 OKLVFFA 7
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88.2%; Score 30; DB 23; Length 9;

Query Match